

Eddy Tungadi EdReferee Report

The applicant has named you as a referee in support of an application for an Australia Awards Scholarship supported by the Department of Foreign Affairs and Trade (DFAT) for study in Australia. To assist in the selection process, we would like to receive your views on the applicant's suitability for a Scholarship, in particular on their capabilities and personal qualities, academic competence (including, where applicable, their research ability) and potential outcomes.

1. Personal details					
Applicant's details					
Full name (as it appears in passport)	Eddy Tungadi				
Email	e_tungadi@yahoo.com				
Area of research interest	Information Technology: Big Data				
Referee's details					
Family name	Sadjad				
Given names	Rhiza				
Mobile no.	+628164312162	Work phone no.	+62411588111		
Email	rhiza@unhas.ac.id				
Employing organisation	Name	Hasanuddin University			
	Town/City, Country	Makassar 90245 INDONESIA			
Position title	Senior Lecturer		Starting date 1 / March / 2 0 0 9		
Length of time you have known applicant	<input type="checkbox"/> Less than 3 months	<input type="checkbox"/> 3–12 months	<input type="checkbox"/> 1–2 years	<input type="checkbox"/> 2–5 years	<input checked="" type="checkbox"/> More than 5 years
Relationship to applicant (e.g. direct supervisor, lecturer, peer, etc)	Former academic advisor of the applicant in his undergraduate and Masters programs				
Authorised official stamp of the organisation.	Department of Electrical Engineering Faculty of Engineering HASANUDDIN UNIVERSITY Jalan Perintis Kemerdekaan km 10 MAKASSAR 90245 South Sulawesi INDONESIA				

2. Evaluation of applicant's capabilities and behaviours				
Please evaluate the applicant against the following criteria*				
	Very good	Satisfactory	Needs coaching	Not observed



Shapes strategic thinking (meaning that they: inspire a sense of purpose and direction; focus strategically; harness information and opportunities; and show judgement, intelligence and commonsense)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Achieves results (meaning that they: build organisation capability and responsiveness; marshal professional expertise; steer and implement change and deal with uncertainty; ensure closure and deliver on intended results)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cultivates productive working relationships (meaning that they: nurture internal and external relationships; facilitate cooperation and partnerships; value individual differences and diversity; and guide, mentor and develop people)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Displays personal drive and integrity (meaning that they: demonstrate professionalism and probity; commit to action; display resilience; promote and adopt a positive and balanced approach to work; and demonstrate self awareness and a commitment to personal development)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Communicates and negotiates effectively (meaning that they: communicate clearly; listen, understand and adapts to audience; and negotiates persuasively)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

* Extract from the Australian Public Service Commission's 'The integrated leadership system – support tools – Leadership profiles'

pathway: Individual

3. General comments

Why should the applicant be considered for a Scholarship?

Mr. Eddy Tungadi was one of my best students. He completed both his undergraduate and Masters programs in our Department. He took several of my classes, mostly in Electronics, Automatic Control and Linear Systems area. As I remember it, he always received high grades for his excellent test-results, examination and class-papers. He graduated with a cumulative GPA of **3.22** out of **4.00** from his undergraduate study program in 2004, and **3.67** from his Masters degree program in 2009, which he really deserved. I am very sure that Mr. Eddy Tungadi has all the capacity and a bright future as an academician in engineering and computer science. For their final under-graduate project, he and his partner have done a very excellent job together to build a *Personal Computer-based Oscilloscope* under my supervision. A couple of years later, for his Masters' thesis, Mr. Eddy Tungadi developed a *Genetic Algorithm* to find the shortest path, also under my supervision. I am very satisfied and proud of his work, which was very useful to support laboratory courses in our department's Control Systems and Instrumentation Laboratory. I am very proud of this young man, and I am very happy to hear that he has planned to continue his education. This indicates how he values education highly and how he appreciates it as a career. Currently he is an instructor in a Polytechnic Institute nearby.

I wholeheartedly recommend him for any opportunity to pursue a higher degree program in this area. I strongly believe that he will complete his continuing study program without any difficulty what so ever.

4. Academic referee comments – applicable to PhD candidates only

In the past five years, how many research higher degree (PhD, Masters) candidates have you worked with?

+/- 20 Masters



Your professional knowledge of the applicant is: ☒ Very detailed ☐ Very good ☐ Good ☐ Incomplete

Score the following criteria out of 10 (A score of 10 means that you regard the applicant as being in the top 2% of all candidates in each assessment category. A score of 9 indicates that the applicant is in the top 5% of all candidates. A score of 8 - top 10%; score of 7 - top 20%; score of 6 - top 30%; score of 5 - top 40%; score of 4 - upper 50%; score of 3 - upper 60%; score of 2 - upper 70%; score of 1 - bottom 30%)

Score

(a) **Research potential:** intrinsic research potential (as distinct from examination results).

9

(b) **Creative Ability:** ability to develop original ideas/hypotheses, to write original compositions or to assemble conventional work in some original way

8

(c) **Initiative:** ability to embark on new ideas or approaches without prompting

9

(d) **Perseverance:** ability to work steadily even in difficult circumstances or where motivation or external direction is minimal.

10

(e) **Critical thinking:** ability to differentiate between sound and irrationally based thinking

8

(f) **Team work:** ability to work in a research group

9

(g) **Ability to Communicate:** both written and spoken

8

Please comment on **evidence** of the applicant's research potential and achievement (such as the outcomes of their research experience and training, including university studies, publications, papers, and other relevant work) and any other comments relevant to the applicant's admission to a PhD (maximum 300 words)

During his short tenure as an instructor in the State Polytechnic of Ujung Pandang, Mr. Eddy Tungadi has been involved in several professional training activities, such as CCNA, IBM, Microsoft, Android, etc., all related to the area of computer network and software development. These activities have given him all necessary experiences, skills and knowledges to step forward in his career as an academician and a researcher, especially in the Information Technology area. He has multiple interests in this area, but recently he made a focus on the Data Mining Technology, especially in the what so called the "Big Data" phenomenon. He presented several papers in national seminars and international conferences, went abroad to South Korea to participate in an international program and served as a member of a research team investigating the design and performance of a Data Center.

5. Referee's declaration and signature

I declare that the information in this report is true and correct.

Signature

Date

29/ March / 2 0 1 6

Thank you for assisting the Australian Government in identifying an outstanding candidate for an Australia Awards Scholarship.

