

GANDA TANDYA

7549 25th Ave NE, Seattle, WA 98115 ♦ 209.603.0919 ♦ ganda.tandya@gmail.com

EDUCATION

University of Washington, Seattle – Computer Science	September 2014 – Present
<ul style="list-style-type: none">• 3.98 Cumulative GPA• Working up to 18 hours/week while enrolled full-time• Relevant Courses: Foundation of Computer Programming I, Hardware/Software Interface, Computer Programming I & II, Web Programming	Expected Graduation: June 2018

TECHNICAL SKILLS

-
- Advanced: Java
 - Intermediate: HTML, JavaScript, Linux
 - Novice: SQL, C, Git, C++
-

WORK EXPERIENCE

Undergraduate Research Assistant	June 2016 – Present
Sensor and System Laboratory – UW Computer Science & Engineering, Seattle	

- Implemented 3D reconstruction algorithm using stereo rectification and matching for eLoupes project, reducing the runtime of 3D reconstruction of one frame by 50%
- Created an automatic camera calibrator to accommodate high frequencies of change in cameras' parameters, shortening calibration process by 5 minutes

Undergraduate Teaching Assistant	January 2016 – June 2016
UW Computer Science & Engineering, Seattle	

- Illustrated lessons with real life analogies and conducted interactive learning to improve student understanding of control flow and data structures in Java

Student Assistant	January 2015 – December 2015
UW Housing and Food Service, Seattle	

- Received marks of “excellent” in all categories of customer service in all management evaluations

Math and Computer Science Tutor	July 2015 – August 2015
North Seattle College MLC, Seattle	

PERSONAL PROJECT

eLoupes – Sensor and System Laboratory UW	June 2016 – Present
--	---------------------

- Ongoing project to apply light field based rendering for augmented reality to improve surgical performance by eliminating the issues of static magnification level, limited field of view, and restrictive adjustability

Transportindo – First Transportindo Inc., Indonesia	May 2016 – August 2016
--	------------------------

- Worked in a team of four to automate shipping firm's workflow management using web-based application built from Django REST framework and AngularJS

Commit – An Android's Google Play task tracker	July 2015 – August 2015
---	-------------------------