Manuel Uson

2780 S 374th Pl
Federal Way, WA 98003
(253) 376-7926
treuson@gmail.com
manueluson.github.io

EDUCATION

Gonzaga University   Spokane, WA
Bachelor of Science in Computer Engineering, May 2016

- Cumulative GPA: 3.42
- President's List Recognition: Fall of 2015
- Dean's List Recognition: Fall of 2012/2014, Spring of 2015, Spring of 2016
- Regent Scholarship recipient

Coursework

Parallel and Cloud Computing
Computer Security
Embedded Computer Systems
Operating Systems

Senior Project: To prototype a braille printer (Integration of software, electrical and mechanical design)
 o Specific role: To design a driver system for stepper motors, temperature control system for hot end
   extruder, and develop Arduino program to receive instructions from PC to control the printer.

Filipino American Student Union (FASU)   Sept 2012 to present

- *Elected* President, 2015-2016: Worked with board to plan campus-wide events, fundraisers and activities.
- *Elected* Activities Officer, 2014-2015: Captained intramural teams. Led group volunteering activities.

SKILLS

- Experienced with C, C++, Java, VHDL
- Familiar with HTML, CSS, Javascript, Assembly, Python
- Developed RTL digital systems for FPGAs using VHDL
- Soldered, assembled and programmed Arduino controlled, 4-motor system for braille printer
- Experience using SQL / MySQL database systems in projects
- Project: "Document Search Query"; Java datamining application
- Project: "Seven Days Calculator"; Java Swing application drawing data from csv and image files.

WORK EXPERIENCE

Spokane Community College   Spokane, WA
Computer Tutor   Sept 2015—May 2016
Helped students understand how to use computer programs and utilize windows features.

Catholic Charities, Spokane: Furniture Bank   Spokane, WA
Warehouse Material Mover and Driver   Sept 2013—May 2015
Prepared and delivered shipments of furniture; trained new employees on task procedures and policies.