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## EDUCATION

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### **Gonzaga University**

Spokane, WA

*BS Computer Engineering, May 2016*

- Cumulative GPA: 3.42
- President's List (1x), Dean's List (4x)
- Regent Scholarship recipient

### **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.

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## PROJECTS

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### **Senior Capstone Project: Braille Printer**

Implemented a fully functional braille printer

.txt file → encoded braille pattern → char instructions → driver → motor control → plastic deposition

-Designed the electrical system for the machine (motor / temperature control)

-Wrote Arduino code to receive and execute printing instructions.

### **Seven Days Calculator**

Desktop application; helps players budget project materials in the pc video game "Seven Days to Die."

Java Swing GUI, drawing information from csv database and .png image folder.

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## SKILLS

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- Languages: Java, C++, C, VHDL, SQL
- Developed RTL digital systems for FPGAs using VHDL
- Wrote parallel and cloud computation programs using message passing with C
- Database design with MySQL – SQL requests to 3<sup>rd</sup> party database using Java

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## WORK EXPERIENCE

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### **Selden's Home Furnishings**

Fife, WA

*Delivery Driver*

Sept 2016—Present

Assemble/package items for delivery. Deliver items to clients on site.

### **Spokane Community College (Work Study)**

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 (work Study)**

Spokane, WA

*Warehouse Material Mover and Driver*

Sept 2013—May 2015

Tagged and delivered shipments to clients; trained new employees on task procedures and policies.