

# Angelic Phan

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## Education

Portland State University (PSU), Portland, Oregon

**Bachelor of Science in Computer Science**, Graduation: March 2020

- **Colleges:** Maseeh College of Engineering & Computer Science, University Urban Honors College
- **Academic Honors:** President's List, Dean's List
- **GPA:** 3.85

### Elective Courses:

CS 465P Full stack Web Development, CS 410P Advanced Java, CS 410P Advanced Topics in C++ Programming, CS 410 Intro. to Computer Vision, CS 410P Computers, Sound & Music, CS 311 Computational Structures

## Skills Summary

- **Technical Skills:** C++, Java, Python, C, SQL, Html, CSS, Bootstrap, JavaScript, GitHub, IntelliJ IDEA CE, Atom, Linux, VS Code, Microsoft Suite, Apple, and Google Applications, Adobe Animate (CC), Photoshop
- **Personal Skills:** Fluent in Vietnamese and English, experienced in object-oriented programming, experienced with Agile

## Notable Projects

- **Honors Thesis (Oct. 2019 – March 2020):** I have published a thesis regarding the popularity of early video games with case studies of the *Street Fighter* and *Pac-Man* franchises on PDXScholar titled, *The Rise and Infiltration of Pac-Man and Street Fighter*
  - My work helps us look across multiple scholarly papers and media artifacts, and compares across genres, to create a bigger picture of each franchises' success
- **ATAC Arcade (Nov. 2019 - Dec. 2019):** Worked in a three-member team to develop a gaming arcade web app. *Tools:* Visual Studio, Html, CSS, Bootstrap, JavaScript, MongoDB, Heroku, and GitHub
  - I worked on the front-end to design the website, and provide and update data on the client side
  - I launched the web app through Heroku and hooked up a MongoDB plug-in for the database
- **LeavesCalculator (June 2019 – Dec. 2019):** Worked in an eight-member agile team for my Capstone, to develop a web app for PSU to assist their employees in the process of determining eligibility for, and calculating protected, paid, and unpaid leave. *Tools:* Atom, VS Code, Django, Python3, Sqlite3, Vue, JavaScript, HTML, JSON, GitHub, and Postman
  - I was the secondary point of contact between my team and the clients
  - I gathered data requirements to become the go-to expert on the logic behind the web app for my team
  - I wrote Django ORM queries to query the database and return JSON objects to the client side
  - I assisted in creating and updating Vue components to display and apply the logic of the web app
- **MADulator (May 2019 - June 2019):** Worked as part of a three-member team to develop a functional music generation, editing, and visualization software. *Tools:* Atom, Python3, and GitHub
  - I implemented the editor that changes the mathematical expressions based on key presses
  - I assisted in implementing other program key presses to control the playback of the audio stream
- **ASCII Chess (Feb. 2019 - March 2019):** Worked individually to develop a Linux ASCII chess game that supports two player games between humans through the command-line. It applies the logic for and will only show valid chess moves, and checks for checkmates and resignations. *Tools:* C++, C++ STL
- **Hybrid Images (Feb. 2019 - March 2019):** Worked individually to develop a Linux program that combines two filtered input images into one hybrid output image, where image perception depends on the viewing distance. *Tools:* Python3, OpenCV

## Work Experience

**Student Lab Preparation Assistant**, PSU Department of Chemistry, October 2015 to March 2020

Assisted in preparation for teaching lab courses and maintenance of lab facilities and equipment. Assisted in inventory and data upkeep.

**Cashier**, Sears Holdings, June 2015 to November 2015