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, jQuery, pip, npm, 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 with data structures, 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, jQuery, Node.js, 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
- **Leaves Calculator (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, Node.js, Python3, Sqlite3, Vue.js, 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