

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:** Magna Cum Laude, President's List, Dean's List
- **GPA:** 3.86

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, Linux/Unix, GDB, Valgrind, pip, npm, GitHub, IntelliJ IDEA CE, Atom, VS Code, Microsoft Suite, Apple, and Google Applications, Adobe Animate (CC), Photoshop
- **Personal Skills:** Fluent in Vietnamese and English; experienced with data structures, object-oriented programming, Agile, and version control

NOTABLE PROJECTS

- **Daily Forecast (July 2020):** Worked individually to develop a weather web app as a way to learn React. **Tools:** React, JavaScript, HTML, React-Bootstrap, CSS, Node.js, NPM, Heroku, VS Code, and GitHub.
 - I utilized the MapQuestDeveloper API to fetch location geocodes in order to obtain daily weather data from the OpenWeatherMap API
 - I successfully deployed the web app through Heroku: <https://daily-forecast.herokuapp.com>
- **Pig Latin Translator (July 2020):** Worked individually to develop a Linux program that encodes and decodes Pig Latin input either from the command-line or from an external file. **Tools:** Java, IntelliJ IDEA CE
- **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 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
- **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:** VS Code, Django, NPM, Python3, Sqlite3, Vue.js, JavaScript, HTML, JSON, and GitHub
 - I was the secondary point of contact between my team and the sponsors
 - 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
- **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++11, C++ STL

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