

# ANGELIC PHAN

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## EDUCATION

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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

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## SKILLS SUMMARY

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- **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
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## NOTABLE PROJECTS

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- **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:** VS Code, 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:** 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
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## WORK EXPERIENCE

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**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