

# Puthypor Sengkeo

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## Education

Associate Degree – Cascadia Community College Bothell

Fall 2016 – Summer 2018

- Obtained a degree in Integrated Studies, GPA: 3.64
- Related courses: Intro to Programming, Scripting, Intermediate Programming, Programming Data Structures

Bachelor's degree – Washington State University Pullman

Fall 2018 – Present

- Pursuing a Computer Science Degree, GPA: 3.67
- Related courses: Operating System and Computer Architecture, Systems Programming in Unix/Linux, Design and Analysis of Algorithms, Object-Oriented Software Principles, Software Engineering Principles II, Advanced Data Structures C/C++, Graph Theory, Web Development.

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## Skills

- Languages:
  - Programming Languages: C, C++, C#, HTML/CSS, Python, Java, and MERN stack.
  - Spoken Languages: Khmer (Cambodian language), English, and French.
- Tools:
  - Excellent in Microsoft Office, Visual Studio, Visual Studio Code, Eclipse.

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## Experience

WSU Crimson Service Desk – Technical Assistant II

August 2019 – Present

- Provide world-class customer service to the WSU community at our on-campus Helpdesk.
- Solve frequently occurring technical problems, Wi-Fi connectivity, malware infections, error with student accounts etc.
- Troubleshoot more advanced technical problems, malfunctioning drivers, operating system errors, and corrupted data.

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## Leaderships and Activities

Final Project for Web Development class – Team Lead

August – December, 2020

- Created a Speedgolf website using MERN stack.
- Act as the communication bridge between the professor and the rest of the team.
- Used TestCafe to test the website's functionalities.

Final Project for Software Engineering Principles II – Team Lead

August - December, 2020

- Created an Apartment Rental website using MERN stack.
- Used JUnit, white-box, and black-box testing for different sprints of the project.
- Displayed team lead abilities in communications and code development areas.

WSU Crimson Code Hackathon

February, 2019

- A group of 3 programmers using C++ and the SFML library to create Flappy – another version of Flappy Bird.
- Used Object Oriented Programming, self-drawn arts for the graphics, and self-recorded sounds for the music.

WSU Hardware Hackathon

October, 2018

- 3 programmers gathered to make an electronic door lock controlled by a smart phone application.
- Objects used in the projects are 3D printed and programmed using Python.

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## Projects

- Linux-compatible EXT2 file system (C): Create a functional program like the EXT2 file system.
- AIEngine (C#, HTML/CSS, JavaScript, Python)-Team Lead: Design/Teach AI engine to identify potential opportunities for the city to install fiber/conduit for our consumption.
  - Weekly reports to client following Agile with Scrum Methodology.
  - Teach AI to find paths between 2 points on the map where data are stored as coordinates in geojson files.
- Customer Logger (C#): For WSU Crimson Service Desk, create a logger interface to accept customer data and automatically create a JIRA ticket with the given information.