Kawin Pechetratanapanit

3.95 OSU GPA

206-636-7730 | pechetrk@oregonstate.edu

Self-taught programmer and computer science undergraduate who possesses strong knowledge in making real-world applications with special interests in GPU programming and AI. Developed and optimized full stack software running on micro-controllers with limited processing power for use in environmental research.

- Undergraduate researcher (Machine learning)
- Capstone RST Winner @ Seattle Central College 2015

Work Experience

Open Sensing Lab, Oregon State University   *February 2019 to present*
Lead software developer for eDNA genomic sampler
- Design React applications for embedded devices
- Engineer server application for eDNA sampler featuring task planning and asynchronous execution https://github.com/OPEnSLab-OSU/eDNA-Server
- Document changes in the codebase and publish project updates for stakeholders
- Track incoming inventory and ensure successful delivery of packages

Math and Science Department, Seattle Central College   *2015 to 2017*
Computer science, math, and physics tutor
- Personalized tutoring tailored towards each students' needs
- Operated and planned study sessions in preparation for quizzes and exams
- Facilitate collaborative working environment
- Designed mock homework problems and solutions

Academic Profile

Oregon State University, OR   *Expected Graduation: 2021*
Bachelor Degree, Applied Computer Science

Seattle Central College, WA   *December 2016*
Associate Degree, Computer Science

CS Skills

Typescript/JavaScript with {React, Redux, Formik, Yup}, Python, C/C++, Java, Swift, NodeJS, MySQL, MongoDB, Embedded, App Development, Full Stack