

# NILE CAMAI

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## EDUCATION

### University of Washington

BS in Computer Science

Sep 2020 – Jun 2024

Seattle, WA

### Skyline High School

High School Diploma, IB Diploma

Sep 2016 – Jun 2020

Sammamish, WA

- Unweighted GPA: 3.98

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## SKILLS

- Programming Languages: Java, Python, Swift, JavaScript, HTML, CSS
- Tools: Android, iOS, reactJS

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## PROJECTS

### Synthetic Aperture Radar GUI Python, Tkinter, PulsON 440

A desktop application designed for use alongside the PulsON 440 Radar and UAV in order to create synthetic aperture radar (SAR) images. Built during MIT Beaver Works Summer Institute 2018.

### TelloMapper Android Studio, Java, Go

An Android application which allows a user to map and perform predetermined flight paths for the DJI Tello drone, including successful takeoff and landing.

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## EXPERIENCE

### Skyline Spartabots

President

Jan 2016 – May 2020

Sammamish, WA

- Competed in the FIRST Robotics Competition and managed a club of over sixty active members.
- Mentored new students in mechanical design and engineering, coordinated efforts among software, design, engineering, and business teams.

### Robot U

Coding & Robotics Instructor

Oct 2017 – Aug 2019

Duvall, WA

- Taught programming and robotics to elementary-school students in the Greater Seattle Area with Scratch, LEGO MINDSTORMS, LEGO WeDo.

### MindSight Mentors

Math Group Mentor

Jun 2019 – Aug 2019

Lynnwood, WA

- Taught Algebra I and II to middle- and high-school students.

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## AWARDS

### Best Use of Google Cloud API, Best First-Time Hack

DubHacks

Oct 2020

### Project Management Business Solutions Winner

Washington DECA

Jan 2020

### World Championship Winners

FIRST Robotics Competition

Apr 2018