

# Kyle Mumma

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## Education

### B.S. Computer Science

University of Washington  
Seattle, WA | 2023  
GPA: 3.85

### North Creek High School

June 2019 | Valedictorian

## Skills

**Advanced:** Javascript, Java, React, ES6, jQuery, AJAX, SQL, SASS, Bootstrap, HTML, CSS, Git

**Basic:** Redux, Node.js, Python

## Relevant Coursework

Software Design and Implementation

Foundations of Computing I & II

Intro to Programming I & II

Calculus I, II, & III

Linear Algebra

### In Progress:

Data Structures and Algorithms

The Hardware/Software Interface

Intro to Computational Finance

Statistics

## Awards

**June 2019** North Creek High School Valedictorian

**April 2019** Def Hacks Seattle: Best High School Hack

**November 2018** Code Day Bellevue: Best in Show

**July 2018** Exsilio Solutions Hackathon: Third Place

## Experience

### Web Developer

Back Acres LLC | Woodinville, WA | July 2019 - August 2019

I was responsible for the front-end development of backacreswashington.com, implementing the web interface with wordpress, and hosting the website with Amazon Web Services EC2, ELB, and Route 53

### Programming Instructor

Coding with Kids | Redmond, WA | Sept 2018 - Mar 2019

I was responsible for managing and instructing over 100 different students at over 6 different schools

### Founder

HackAction Foundation | Edmonds, WA | Sept 2018 - Mar 2019

Founded the HackAction Foundation, a Washington nonprofit corporation dedicated to hosting computer science events in order to encourage progressive forms of technical education. I was responsible for planning and executing the 10+ events we hosted as well as recruiting and communicating with our 200+ members

## Selected Projects

### Senior Assassin Manager ([github.com/kylemumma/senior\\_assassin](https://github.com/kylemumma/senior_assassin))

#### Full-Stack Senior Assassin Management Web App

Developed solo, I was responsible for the entirety of full-stack development, implementing the front-end using React, and implementing the back-end with Node.js, Express, and NeDB. Hosted the front and back ends using Netlify and Glitch respectively.

### Snapsee ([github.com/kylemumma/Snapsee](https://github.com/kylemumma/Snapsee))

#### Seamless Snapchat Friend Adding through Facial Recognition

In a team of 4 other programmers at DefHacks Seattle, I was responsible for the front-end development of this full-stack web app, implementing the web interface with React

### Instasafe ([private repository](#))

#### Social Media Screening in Order to Detect Potential School Shooters

In a team of 6 other programmers at Code Day Bellevue, I was responsible for the web scraping and natural language processing of this desktop application. Using Python I implemented the web scraping with the Requests and BeautifulSoup library, and the NLP with the HateSonar library