Kyle Mumma

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Education

B.S. Computer Science
University of Washington
Seattle, WA | In Progress

North Creek High School
Valedictorian

Relevant Coursework

Data Structures and Algorithms

Software Design and Implementation

Foundations of Computing I

SQL

Front End Libraries

Responsive Web Design

Intro to Programming I & II

Calculus Series

Skills

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

Basic: AWS, Flask, Node.js

Awards

June 2019 North Creek High School Valedictorian

July 2019 AP Scholar with Distinction

April 2018 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

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 communication with our 200+ members

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

Selected Projects

Snapsee *(github.com/kylemumma/Snapsee)*
Seamless Snapchat Friend Adding through Facial Recognition
In a team of 4 other programmers, 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, 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

Bibliosearch *(github.com/kylemumma/Bibliosearch)*
Library Book Image Search Web App
In a team of 3 other programmers, I was responsible for the front-end web development and computer vision of this web app, implementing the web interface with Flask, the computer vision with OpenCV, and the OCR using PyTesseract