Michael Bouvette

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19181 East 65th Ave, Denver CO, 80249

EDUCATION

INDIANA UNIVERSITY

BS in Computer Science
BS in Mathematics
Graduated May 2021 | Bloomington, IN
Honors: Dean's List '18, '20, '21
GPA: 3.72 / 4.0

SKILLS

TECHNICAL SKILLS

Profficent With:
Python 3 • Java • Go • C • JavaScript (ES6)
Spring • React/Redux • SQL • Kotlin • R • Agile

SOFT SKILLS

Strong:
Leadership • Initiative • Focus • Resourcefulness
Tenacity • Team-Oriented Mindset • Dedication

LINKS

Github:// **bouvettem17**
LinkedIn:// **michaelbouvette**
Personal:// **michaelbouvettedev**

STUDENT INVOLVEMENT

Undergraduate Instructor
Mathematics of Cybersecurity, Brief Survey of Calculus, Finite Mathematics
- Taught in weekly laboratories and office hours
- Graded student assignments and exams

Hutton Honors Council Association
President
- Lead a group of twelve honors students in creating events for students
- Advised the Honors College on what was best for the students

Wakeboard and Waterski Team
Team Member
- Scheduled team events and activities for a group of 140 students
- Practiced and competed in wakeboarding tournaments across the Midwest

Professional Fortnite Player
- Ranked top 500 out of over 300 million players
- Streamed gameplay daily to ~300 people

WORK EXPERIENCE

CREDERA | Software Engineer

Jul 2021 - Present | Denver, CO
- Currently working as Android mobile developer on a large scale project for NRG, the third largest energy provider in the US.
- Worked on code base to migrate marketing platform to be used by a variety of automobile manufactures.
- Full Stack Developer - Designed, developed and integrated software with tests utilizing React and Spring Boot.

UNIVERSITY OF HOUSTON | Research Intern (REU)

June 2020 – Aug 2020 | Houston, TX (Remote)
- Conducted Research on autonomous car driving within the Computational Physiology Lab.
- Wrote an algorithm to smooth acceleration curves in autonomous cars to lower stress levels of driver.
- Awarded a top 3 position within the program for research.

BLOOMINGTON TUTORS | Calculus and Computer Science Tutor

Aug 2019 – May 2021 | Bloomington, IN
- Hosted individual tutor sessions multiple times each week for introductory calculus and computer science courses.
- Provide internet sessions through skype to answer quick student questions and provide quick answers and explanations.

TECHNICAL PROJECTS

SPOTIFY STORIES | Website, Github

Current Project | Denver, CO
- Working on a webapp that utilizes Spotify's API, React, and Go to let users learn about their listening habits.
- Planning to add functionality that tells someone how they listens using a story-like functionality and animations
- Go will be the backend language that stores users data allowing the website to show them how their listening habits are changing over time
- Website currently shows top tracks listened to for the last month, six months, and since account creation

MANAGING ACCELEROPHOBIA IN EMPATHETIC CARS | Github

June 2020 – Aug 2020 | Houston, TX
- Worked alongside professor Ioannis Pavlidis and masters student Huynh Tung.
- Implemented a solution in Python3 which used linear interpolation to lessen the acceleration impact on the drivers based on when their stress levels exceeded a certain threshold.
- Was awarded the third best research project of the summer, voted on by the professors taking part in the research program