

Michael Bouvette

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EDUCATION

Indiana University, Bloomington, IN
Bachelor of Science in Computer Science
Cognate: Software Engineering
Bachelor of Science in Mathematics
Cumulative GPA: 3.72/4.00

May 2021

WORK EXPERIENCE

University of Houston, Houston, TX (Virtual)
Summer Research Intern (REU Participant)

Summer 2020

- Conducted Research on autonomous car driving within the Computational Physiology Lab at the University of Houston
- Wrote an algorithm to smooth acceleration curves in autonomous cars in order to lower stress levels of driver
- Awarded a top 3 position within the program for research

Bloomington Tutors, Bloomington, IN
Calculus and Computer Science Tutor

August 2019 - Present

- Host 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

Jefferson Riverport International, Louisville, KY
Administrative Assistant

Summer 2018

- Created graphic designs of listing sheets for industrial land parcels utilizing Adobe Photoshop
- Consulted the executives on possible ways to improve the business, such as suggesting certain land acquisitions
- Researched and collected data concerning industrial developers in the Midwest and organized digital documents

TECHNICAL SKILLS

Languages: Java, C, R, Python, Swift, SQL

Platforms: UNIX, Microsoft Windows, Mac-OS

Databases: Microsoft Excel

Miscellaneous: Adobe Photoshop, Microsoft Office Programs, Latex, XCode

STUDENT INVOLVMENT

Undergraduate Instructor, Bloomington IN

August 2018 - Present

Mathematics of Cybersecurity, Brief Survey of Calculus, Finite Mathematics

- Assist in weekly laboratories and office hours with the teaching of material and help students struggling with the material
- Grade student assignments and examinations, strengthening personal understanding of material

Wakeboard and Waterski Team, Bloomington, IN
Team Member

August 2019 - Present

- Schedule team events and activities year-round for a group of 140 Indiana University students
- Practice routinely and compete in wakeboarding tournaments across the Midwest in the fall semester

Hutton Honors Council Association, Bloomington, IN
President

August 2017 – May 2018

- Lead a group of twelve honors students in creating different events for residents on campus
- Attended weekly sessions in the honors college to advise on how to improve the college experience