JASON MUSTAFA

Email: mustafa.jason@gmail.com   *LinkedIn:* https://www.linkedin.com/in/jasonmustafa
Phone: 609-334-1581   *GitHub:* https://www.github.com/jasonmustafa

EDUCATION

Rutgers University, New Brunswick, NJ   *Expected: Jan 2021*
B.A. in **Computer Science,** Minor in Mathematics
- *Honors:* Presidential Scholar, Dean's List

SKILLS

Programming Languages: Java, JavaScript, TypeScript, HTML & CSS, MATLAB
Software: Git, Eclipse, Visual Studio, AWS Cloud9, SolidWorks
Frameworks: React, Angular, Node.js, three.js, pdfmake

EXPERIENCE

Software Engineering Intern   *Jun 2019 - Present*
The VMC Group, Bloomingdale, NJ
- Created view cube to position and rotate camera in proprietary 3D software using **JavaScript,** decreasing average number of clicks needed to switch planar views by 43%
- Implemented dynamics mouse picking system with ray casting in three.js (based on WebGL)
- Recreated user interface in **Angular** to make web application load 2.5 times faster
- **Trained two interns** on the basics of JavaScript and Git

Computer Lab Consultant   *May 2019 - Present*
Rutgers Office of Information Technology, New Brunswick, NJ
- Troubleshoot desktop computers and printers for a lab with more than 300 daily users
- Assist patrons with device, network, and other technology-related issues
- Perform routine maintenance for lab equipment and log hourly usage statistics

Front-End Development Intern   *May 2018 - Aug 2018*
The VMC Group, Bloomingdale, NJ
- Constructed website interface with **React** to display anchorage reports and product databases
- Built **JavaScript** functions to calculate maximum tension and shear loading on equipment during seismic certification testing, reducing calculation times by a factor of 10

PROJECTS

Prayer Times: Progressive web app to search for current Islamic prayer times by location using **React**
- https://prayertimes.netlify.com

Expression Evaluation: Program written in **Java** to tokenize and calculate arithmetic expressions
Snowy: Discord bot written in **TypeScript** used for light moderation and minigames within servers
Portfolio: Website made using **HTML & CSS** to showcase additional programming projects
- https://www.jasonmustafa.com