

WILLIAM D. SCHUTTE

Engineer and developer with experience in front-end frameworks, MERN stack, and general web-dev: JS, React, Express, Node.js, Mongo, CSS, HTML. Having produced clean technical writing and high-quality results for clients in engineering, I now apply engineering problem-solving mindset to provide robust solutions in tech.

WSchutte.com 

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(305) 877 – 8459 

EDUCATION

Full-Stack Web Dev Certificate | Practicum by Yandex 2020

- Completed 10-month intensive course of interactive coding, weekly lectures, and independent study with a structured timeline and curriculum including advanced JavaScript, HTML/CSS, React, and back-end foundations via Node.js, Express.js, MongoDB, and Microsoft Azure
- Emphasis on practical independent projects with strict deadlines, code review, and feedback from professional developers

B.S. Biochemical Engineering | University of Georgia | GPA: 3.76 2019

- Presidential Scholar for multiple semesters, certified EIT
- Training in Linear Algebra, Differential Equations, Calculus, Statistics, MATLAB

EXPERIENCE

Web Developer | O'Farrell Group Web Development 2020

- Developed, updated, and managed responsive websites for a variety of local and national clients
- Worked with clients to discuss needs and facilitate business goals through individualized web solutions on WordPress sites and more customized HTML/CSS-based sites

Engineer II | Amentum 2019 – 2020

- Developed safety basis documents and performed engineering calculations in Documented Safety Analysis, Hazards/Accident Analysis, source-term/dosage calculations, and consequence evaluation for multiple radioactive waste-processing facilities at the Savannah River Site and commercial clientele.
- Performed facility-wide evaluations in configuration management alongside senior engineers.
- Both led and worked on consulting team projects for various domestic and international clients in chemical process design, radiological waste disposal, and nuclear industry waste management

Undergraduate Researcher | Computational Nano/Bio-Mechanics Lab (UGA) 2017

- Worked under Dr. X.Q. Wang studying molecular dynamics. Research centered on multilayer graphene-phosphorene systems in the field of materials sciences and simulational chemistry
- Used multiple programs (LAAMPS, VMD, MATLAB) to simulate nano-scale material interactions on UGAs GACRC super-computer cluster and effectively present results and data in meaningful ways

SKILLS

Primary Languages/Frameworks: JavaScript, React, Node.js, Express.js, Flutter, Dart, HTML/CSS, MATLAB

Secondary Languages/Frameworks: Python, MongoDB, Bootstrap

General: Confident public speaker, Natural leader, Exceedingly adaptable, Meticulously organized, Excellent technical writer

EXTRACURRICULAR

Member | Hack Augusta @ theClubhou.se 2020

- Attend monthly/biweekly meetups that include study halls, boot camp lessons, networking events, and exploratory courses in data science, machine learning, UI design, and core language skills

AICHe Member | University of Georgia Chapter 2017 – 2019

Founder, Treasurer | GGC Rugby Football Club 2015 – 2016