WILLIAM D. SCHUTTE

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EDUCATION

Practicum by Yandex | Web Developer Certificate   **2020**
- Completed 10-month intensive course of interactive coding, weekly lectures, and independent study with a structured timeline and curriculum including advanced HTML/CSS, JavaScript, React, and back-end foundations vis Node.JS
- Emphasis on practical independent projects with strict deadlines, code review, and feedback from professional developers

University of Georgia | B.S. Biochemical Engineering | GPA: 3.76   **2019**
- Presidential Scholar for multiple semesters, certified EIT
- Chemical Engineering degree with a focus on biochemical applications/processes
- Training in Linear Algebra, Differential Equations, Calculus, Statistics, Programming for Engineering

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 traditional HTML-based pages

Consulting Engineer | AECOM/Amentum   **2019 – 2020**
- Developed safety basis documents and performed engineering calculations in Hazards Analysis, Accident Analysis, and Documented Safety Analysis for DOE sites and commercial clientele
- 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
- Accident analysis documentation, source term calculation, dose determination, and consequence evaluation for multiple radioactive waste-processing facilities at the Savannah River Site

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 and effectively present results and data in meaningful ways
- Ran larger simulations on UGAs GACRC super-computer clusters

SKILLS

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

Secondary Languages/Frameworks: Python, SQL, Bootstrap

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

EXTRACURRICULAR

Member | Hack Augusta @ theClubhou.se   2020
- Attend monthly 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