**First Name Last Name**

City State | phone number | e-mail address | Git Hub | LinkedIn

**EDUCATION**

**Georgia Institute of Technology (GT)** ***Double Major*** Atlanta, GA

*Master of Science in Computational Science and Engineering* (GPA: 3.79/4.00) Dec. 2023 (Expected)

*Master of Science in Civil Engineering* (Structural Engineering)

* ***Relevant Coursework:*** Algorithms, Database Systems, System & Networks, Statistics & Applications, Optimization

**The University of Tennessee at Chattanooga (UTC)*****Co-op Education*** Chattanooga, TN

*Bachelor of Science in Civil Engineering* (GPA: 3.83/4.00) May 2020

* Outstanding International Undergraduate Student of The Year (2020) & Dean's List (2019 - 2020)
* 2nd Prize in the 2019 Student Competition of American Society of Engineers (ASCE) in Tennessee (2019)

**Changsha University of Science and Technology (CSUST)** ***Co-op Education*** Changsha, China

*Bachelor of Engineering in Civil Engineering (*Average: 83.76/100.00) Jun. 2020

* 2nd Class Scholarship of Academic Year 2018-2019 (2019)

**TECHNICAL SKILLS**

**Programming Languages***:* Java, Python, C++, C#, Julia, HTML, JavaScript, SQL, MATLAB

**Platforms & Frameworks*:*** React Native, Spring Boot, Node.js, AWS, Linux, Django, Laravel

**Tools*:*** Visual Studio Code, IDEA, Eclipse, MySQL, Git, Abaqus, Auto Desk, Mathcad Prime, Microsoft Office

**ENGINEERING EXPERIENCE**

**CompareKarma** Atlanta, GA

Software Engineer Intern May. 2023 – Aug. 2023

* Developed responsive and user-friendly front-end components for a web-based search index, facilitating user comparisons of prices, ratings, and offerings among online bootcamps by HTML, CSS, and JavaScript
* Led a codebase performance overhaul using Node.js and MySQL to optimize the data structure and search algorithm of bootcamp info, resulting in a 15% reduction in page load times and a noticeable boost in overall system efficiency
* Collaborated with UX/UI team to refine user interfaces, prioritize tasks, and deliver features within tight deadlines

**Ecological Engineering Co., Ltd. of CCCC First Harbor Engineering Co., Ltd.** Shenzhen, China

Junior Technician Oct. 2020 – Apr. 2021

* Executed daily data analysis of construction and material consumption plans using Excel and Python
* Contributed to the design and construction of a 700 million CNY sewage pipeline renovation project in Guangming district and honored with the Individual Award of Excellence in Safety Production of The Year (2020-2021)
* Coordinated with municipal organizations and managed 6 construction teams on various construction sites

**PROJECTS**

**Food Delivery Management Application Integrated with Database** Sep. 2022 – Dec. 2022

* Developed a food delivery management application for conceptual restaurant owners and delivery service employees to hire/fire, order, deliver, and calculate revenues
* Configured backend architecture and implemented role-based authentication and authorization using Python
* Designed reusable frontend components such as payroll, profile, and analytical dashboard page using Tkinter toolkit
* Implemented MySQL database schema to enable data communication with backend by MySQL-Connector API

**Online Stay Rental Application Based on React and Spring Boot** Apr. 2022 – Jun. 2022

* Designed and built a single-page web application using React and Ant Design UI library.
* Implemented robust backend services based on Spring Boot to support stay upload/delete/search/reserve functionality
* Utilized MySQL to securely store user-generated data such as stay information and reservation history, while integrating Google Cloud Storage for efficient media file storage

**Personalized Twitch Resources Recommendation Engine** Sep. 2021 – Jan. 2022

* Built a full-stack App for users to search Twitch resources (stream/video/clip) with customized recommendations
* Designed and implemented a front-end web page with a rich user-friendly experience by React and Ant Design
* Implemented RESTful APIs using Java servlets, retrieved live resources using Twitch API and stored data in MySQL
* Deployed the service to AWS EC2 to ensure better stability and support login/logout and favorite collection features

**LEADERSHIP & COMMUNICATION EXPERIENCE**

**Georgia Tech Career Center** Atlanta, GA

Graduate Career Peer Advisor Aug. 2022 – Present

* Provide career education, resources, and experiential opportunities for GT students through daily advising meetings
* Conduct outreach workshops to departments and student groups on introductory career and professional dev. topics
* Received a performance-based promotion after six months and trained 4 new employees on career counseling skills