

SIDDHARTH GAMPA

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EDUCATION

GEORGIA TECH – COLLEGE OF COMPUTING

Atlanta, GA

M.S. in Computer Science

Dec 2024

- Courses: Operating Systems, High Performance Computing Architecture, Software Development Processes, Data Structures & Algorithms, Structure and Interpretation of Computer Programs, Discrete Mathematics and Probability Theory, Human Computer Interaction

UNIVERSITY OF CALIFORNIA - BERKELEY

Berkeley, CA

B.S. in Bioengineering, Minor in Chemistry

May 2018

- Leadership : Biology and Chemistry Study Group Leader, SMD Pre Medical Fraternity Treasurer
- Membership : Biomedical Engineering Society, Habitat for Humanity, Student Learning Center

WORK EXPERIENCE

Twilio Inc, San Francisco CA – Technical Support Engineer Team Lead

Jan 2021 – Present

- Developed full-stack support tools and automation in Javascript that have made certain support processes **30 - 50% faster**
- Investigated full-stack React development and API issues raised by large volume customers such as Amazon and Uber
- Created new onboarding plan that **decreased onboarding time by 40%** and increased learning outcomes of new hires

Epic Systems, Madison WI – Technical Support Engineer, Oncology Division

Jul 2018 – Dec 2020

- Developed scripts in MUMPS and SQL to provide reports on daily hospital operations
- Defined gaps and developed/implemented solutions, coordinated with development teams, managed customer expectations
- Served as primary liaison to seven major healthcare organizations in actively supporting Epic software

PROJECTS

- [Personal Portfolio Site](#) - Javascript, HTML, CSS
 - Static website to advertise and store my work and information about me
- School Project: Distributed File System with custom protocol (GETFILE)
 - Utilized shared memory, semaphores, and mutex to create a distributed file server system among multiple clients
 - Server supports fetch, store, list, and delete files asynchronously across clients using gRPC and protobufs
 - Server utilizes boss/worker thread model to listen for, act on, and communicate changes to files
- School Project: Job Offer Comparison App - Java
 - Utilized Android Studio within IntelliJ to build an app to help compare job offers
 - Worked within a team to integrate different functionalities and peer review code
 - Developed core job offer comparison logic of application using weighted averages and sorting
- [Movie Site](#) - Javascript, MongoDB, HTML, CSS
 - Developed a full stack app that allows users to review movies and view other user's reviews
 - Review data stored in non-relational MongoDB
- [JavaScript Calculator](#) – React, JQuery, Bootstrap – Responsive web calculator
 - Developed a fully functional web calculator using Bootstrap for the UI and React for state management
- [Pomodoro Clock](#) - React, HTML, CSS - Responsive web task management clock
 - Developed a functioning live web timing technique that is commonly used to help organization and time management

ADDITIONAL

- *Technical Skills:* JavaScript (React, Node.js, JQuery), HTML, CSS, SQL, Python, Java, C, C++
- *Certifications:* Udacity: AI Programming with Python Nanodegree, EdX: Georgia Tech Analytics MicroMasters, FreeCodeCamp: JavaScript Algorithms and Data Structures Certification
- *Interests:* Reading, Hiking, Running, Basketball, Football