

Frederick Burke

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SUMMARY

A junior computer science student with experience in freelance web development, possessing strong interpersonal skills and a passion for collaboration. With a solid foundation in math and programming, and the ability to adapt quickly and learn new technologies, eager to contribute meaningfully to a professional software engineering team.

EDUCATION

Bachelor of Science in Computer Science, Queens College/CUNY, Flushing, NY Expected May 2024

RELEVANT EXPERIENCE

Upwork, San Francisco, CA 2017 - Present

Full Stack Developer (Remote)

- Develops web-based applications that increase user engagement by 25% by leveraging modern web technologies such as React and Node.js
- Optimizes existing codebase to reduce load times by up to 50% resulting in improved user experience by refactoring code and implementing caching strategies
- Implements automated testing frameworks that increase test coverage by 30% by writing unit tests and integration tests
- Creates RESTful API's that improve data retrieval times by 40% by designing efficient database queries and optimizing database structure

Care Courses McLean, VA

2021-2022

Front End Developer (Remote)

- Performed a redesign for a remote learning school increasing average time on page by 30% by implementing responsive CSS and modern design
- Handled removing legacy HTML tables and updating the site to modern responsive CSS/HTML as lead developer

Chime in on Drums New York, NY

2019-2021

Full Stack Developer (Remote)

- Developed a music blog using WordPress with email, SEO, and social media marketing with over 50,000 visitors per month
- Provided software application engineering and maintenance for development lifecycle
- Analyzed existing software implementations to identify areas requiring improvement to reduce bounce rate from 90% down to 32%

Charter Communications Flushing, NY

2018 – 2019

Direct Sales Representative

- Aided over a dozen new customers per month in order to get the onboarded to new services
- Presented detailed information to customers daily by doing in person presentations
- Designed sales routine that exceeded company quotas by 15% with the assistance of recommended sales literature

TECHNICAL SKILLS

Programming Languages: C++, Java, JavaScript, Python

Technologies: CSS, Express, Git, HTML, Mocha, MonogoDB, MySQL, Node, React, SASS

Certifications: Google Cloud Platform: Cloud Digital Leader

Operating Systems: Android, Linux, MacOS, Windows, iOS