

Jonathan de Gaston

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GitHub link: <https://jonny5-5.github.io/html/pages/apps.html> or use QR code:



Education

B.S. Computer Engineering | April 2024 | Brigham Young University | 3.9 GPA

- Related Coursework:
 - Advanced Programming Concepts: Design large-scale and maintainable programs using common design patterns in Java. Use Google Maps Android API.

Skills

- Python, C\C++, Dart, and Java
- 1+ year Flutter/Dart Framework
- 2+ years full-stack software development
- 1 year of AWS back-end experience
- SQL relational database
- Detail oriented and highly motivated

Work Experience

Quality Assurance Intern | SchedMD | May 2023 – August 2023

As an intern for SchedMD, I worked on the test suite for the SLURM software. SLURM is “a free open-source workload manager designed specifically to satisfy the demanding needs of high-performance computing.” <https://www.schedmd.com/>

- Make test cases for new features using Python and Linux commands.
- Work with the Q.A. team to improve overall testing for SLURM.

Operations Supervisor | Brigham Young University | May 2022 - Now

As an operations supervisor, my main job was to communicate with different engineering teams to minimize outages for end users. On the team, I performed operational tasks for BYU and monitored BYU's websites and services.

- Improve monitoring software load times by 150% through asynchronous API requests.
- Develop monitoring tools using JavaScript and Python in AWS.
- Maintain code on the Operations Dashboard website for the entire team.

Skills and Projects

Android and iOS App Development

- Over 1 million downloads (and growing) on the Google Play Store for my Tuner apps (sold for \$22,000).
- Spotify Playlist Maker app that uses the Spotify open API to generate playlists and add them to user's accounts. Made using Flutter/Dart framework.