Jazz DeFreitas
Software Developer

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jazzdefreitas.com

Experience

Full Stack Software Engineer Intern   June 2020 – February 2021
Net Global Enterprises, LLC - La Jolla, CA
- Served as team leader and head developer for a group of intern software engineers and delivered projects including a student financial aid processing CRM, a stock options trading tracker, and a CRM for Amazon Military SkillBridge integrated with Power BI
- Worked on software solutions for financial problems, such as predicting stock market regular hour trends using data from pre-market hours
- Developed front and back-end architecture for web applications using Django and HTML/CSS/JavaScript
- Analyzed market demand for different types of programs and created advertising pages for the programs

Education

Kennesaw State University, College of Computing and Software Engineering - Marietta, GA
Bachelor of Science in Computer Science   August 2017 - May 2021
- Graduated with cumulative GPA of 3.84
- Member, KSU Homebrew Computer Club
- Placed 3rd, KSU Global Game Jam 2020
- Relevant coursework: Algorithm Analysis, Artificial Intelligence, Computer Graphics & Multimedia, Computer Organization & Architecture, Data Structures, Discrete Mathematics, Database Systems, Operating Systems, Parallel & Distributed Computing, Software Engineering, Software Testing & QA, Technical Writing

Technologies

- Python
- Django
- Dart
- Flutter
- JavaScript
- Node.js
- HTML5

- CSS
- Bootstrap
- Sass
- Apache Cordova
- Java
- C#
- C++

- SQL
- GraphQL
- Ada
- Jekyll
- Phaser
- Git/GitHub
- PythonAnywhere

- Visual Studio
- VS Code
- PyCharm
- Eclipse
- CodeLite
- Power BI

Skills

- Web Design
- Full Stack
- Cross Platform Development
- Project Leadership

- Responsive Design
- Mobile Development
- Database Management
- Testing and Debugging

- Hosting Platforms
- Data Visualization
- Game Development
- Embedded Systems

Personal Projects

App development – 2 cross-platform apps released on the App Store and Google Play Store: SongDaily ([iOS](iOS), Android) and Melody Shuffle ([iOS](iOS), Android). Developed with Flutter and Apache Cordova, respectively

Game development – designing, developing, and publishing HTML5 games: jazzdgames.itch.io
Placed in contests and accumulated 140,000+ plays across multiple game websites

Embedded systems – programming microcontrollers such as the TI MSP430 for small projects: button piano sound module with built in song, LED matrix light show, etc.