THIAGO **CARVALHO**

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A problem-solving individual with a passion for developing web applications and working across the full stack, pursuing a role as a software engineer. Routinely and efficiently support databases containing millions of records while implementing and integrating large-scale commercial software. Looking to learn from more experienced engineers while using my personal set of skills to contribute to the company's mission.

EXPERIENCE

NOVEMBER 2018 – PRESENT
SOFTWARE IMPLEMENTATION SPECIALIST, FACTSET

- Transformed a firm's document approval process by developing an automated workflow using SQL to drive the document and data hand-off.
- Customized the software to enhance each firm's experience with targeted changes such as writing custom SQL procedures to increase execution times, generate financial reports, and create custom workflows.
- Tasked with performing data extractions and migrations using the ETL process and configuring databases and application servers for new and existing clients.
- Led team implementations on large and small scale while coordinating processes and communications among various teams.
- Steadily safeguarded good standing relationships with firms in account book (consisting of 8+ clients) to retain $500K+ in revenue.

JUNE 2018 – AUGUST 2018
SOFTWARE ENGINEER INTERN, TIAA

- Developed features and increased usability of a web application that handled retirement enrollment by using the Angular framework with Node.js and MongoDB.
- Altered the overall look and feel of the application in tandem with the UX team by using SCSS/SASS along with the Bootstrap framework.
- Wrote unit tests for both the frontend (Angular) and the backend (Java/JUnit) of the application.
- Gained knowledge of how to effectively collaborate within a team by using Jira to track tasks and GitLab/Git for code versioning.

JANUARY 2018 – APRIL 2018
SOFTWARE ENGINEER INTERN, HOLY NAME MEDICAL CENTER

- Assumed work on a web application that retrieved patient information from a PostgreSQL database by using a custom RESTful API in PHP.
- Utilized HTML5/CSS3 and JavaScript (jQuery) to create an accessible frontend so doctors could access and print patient information if necessary.
- Attended various procedural and object-oriented PHP-related programming workshops throughout the course of the internship.

EDUCATION

SEPTEMBER 2016 – AUGUST 2018
B.S. COMPUTER SCIENCE, NEW JERSEY INSTITUTE OF TECHNOLOGY

SEPTEMEBER 2013 – AUGUST 2016
A.S. COMPUTER SCIENCE, HUDSON COUNTY COMMUNITY COLLEGE

SKILLS

- **PROGRAMMING LANGUAGES:** HTML/CSS (SASS/SCSS, Bootstrap), JavaScript (Node.js; React; Angular), Python (Django), SQL (T-SQL; MySQL syntax), XML

- **TOOLS:** Git, SSMS, MySQL, MongoDB (NoSQL), SSRS, RESTful APIs, CI/CD (CircleCI), Adobe CC (Photoshop, Illustrator, Premiere)