Tony Saavedra

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Education

Mills College — Oakland, CA
2017 M.A. Interdisciplinary Computer Science

University of California — Berkeley, CA
2014 B.A. English

Skills

Proficient in: Java, JavaScript, Go, Python, Swift, PHP, SQL, MySQL, SQLServer, MongoDB, Git, Node, Express, Angular, React, Redux, HTML, CSS, Bootstrap, Unit Testing, Docker

Some experience: C++, C#, Ruby on Rails, Haskell

Experience

Datadog — *Solutions Engineer*   Feb 2019 – Present

- Developed internal tools and documentation to help replicate issues on containerized environments.
- Enriched client relationships by efficiently investigating cases across multiple technologies.
- Investigations ranged from troubleshooting containerized applications, querying databases, and replicating environments to isolate issues.
- Coordinated with Engineering leads to provide an interface between customers.
- Provided technical expertise and guidance to Sales Engineers and Account Executives.

Berkeley Bowl Marketplace — *Data Software Engineer*   Jan 2018 – Jan 2019

- Redesigned and developed optimized software solutions for departmental tasks.
- Introduced improvements on database queries to complete tasks in optimal time.
- Created REST API layer using Node, Express, MongoDB and MSSQL.
- Implemented new interactive software system for on-demand sales reporting.
- Architected administrator-level privileges to secure access to private sales information.
- Significantly improved the runtime of All Departments reporting by 93 percent.

Vonnda — *Backend Developer Intern*   June 2015 - Feb 2016

- Created and integrated modules into existing Magento and PHP applications.
- Implemented and maintained REST services, both custom and 3rd party.
- Created and maintained cron-based services to manage and report customer sales.
- Developed and extended systems to streamline team workflow.

Projects

Nibbler — JavaScript / Node / Express / MongoDB / Angular   December 2018

- Master thesis project on the importance of software as an inclusive health tool for those with Celiac
- Angular application for users with Celiac Disease or other special dietary needs.
- Geolocation finds nearby restaurants and locations that are safe for users.
- Custom RESTful API allows users to register, log in, post questions and relevant stories.
- Implemented voting system for user karma and caching to limit API calls and efficiently render data.
- Uses Jasmine and Karma for unit testing.