UMA PETERSEN

Software Engineer

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LANGUAGES AND TECHNOLOGIES

- **Languages:** Python, JavaScript, HTML5, CSS3, SQL
- **Frameworks & Libraries:** Flask, Meteor, Jinja, Bootstrap, JQuery, jQuery UI, D3.js, Chart.js, Google Maps API, Twilio API, Twitter API, Nodes.js, semantic UI, Materialize
- **Applications &Tools:** MongoDB, AWS, Meteor, NPM modules, Chimp Testing, WebDriver.io, Basecamp, Salesforce, Jira, Bitbucket, Zendesk, Confluence, Postman, Sublime, Jitterbit, GitHub, Sketch, InVision

EMPLOYMENT

Software Engineer	FATHOM, Oakland CA	05/2016-11/2016

- Designed and built Smart Quote application to position the sales team to secure customer quotes for FDM, Polyjet, SLS, SLA, and 3D printing by synchronization with Salesforce.com.
- Spearheaded a major project by wrapping fiber around Autodesk's Forge API npm modules/Lib to allow development of asynchronous code to synchronous style code, sharpening efficiency.
- Advanced the project by creating open source NPM module by creating unit tests for each API endpoint, documentation, and README.md resulting in more efficiency for users uploading CAD data.
- Designed and produced wireframes and prototypes to add new functionality, enhancements and improvement to Smart Quote.
- Contributed to the development front and back end production ready code of such features as endpoints, toggle-two forms, nav-bar, custom settings, code refactoring/rewriting, scripting, and Salesforce development.
- Completed of 18 sprints, unit and acceptance testing, created, upgraded, and maintained JavaScript libraries and widgets so that data and code were managed efficiently by the use of Agile methodologies in sprint planning, demo, and daily stand ups to consistently deliver new features.
- Built and designed internal repository for collaborative communication, documentations and processes.

UX/UI Designer	Freelance	01/2016-4/2017

- Gathered requirements from client and conducted research to discover user needs
- Delivered high fidelity design docs: sketch, wireframes, mockups and prototypes using sketch and InVision
- Created clickable prototypes when needed using InVision.
- Programmed application using Python, JavaScript, HTML and CSS, Materialize

Product Engineering Team	Groupon Inc	5/2012- 8/2015

Software Developer Tester and Lead Product Operations Specialist

- Analyzed customer feedback, troubleshooting, and pushed feature ideas based on analysis and test cases.
- Led operational rollout of a new web-based platform to empower users to request appointments.

EDUCATION

San Francisco	Hackbright Academy	Fall 2015

- *Software Engineering*

San Jose State University	San Jose State	May 2011

- *Bachelor of Science in Business Administration and Marketing*

TECHNICAL EXPERIENCE

- **Wanderlust (https://github.com/upcode/upcode_wanterlust):** D3.js interactive app to track user's travels.
- **Web Apps(www.umapetersen.com):** Created portfolio and commercial one-page web apps for customers.