Prathmesh Desai

🌐 https://www.prathmeshdesai.com ⭘ https://github.com/prathd
prathmesh.desai@uwaterloo.ca | 628.208.9633
San Francisco / Toronto / Dallas

EDUCATION

UNIVERSITY OF WATERLOO
Candidate for Bachelor of Computer Science
2014 - Present | Waterloo, ON

LEGAL STATUS

Citizen of Canada
Permanent Resident of The United States

COURSEWORK

Functional Programming
Algo. Design & Data Abstraction
Logic & Computation
Data Structures
Sequential Programs
Adv. Intro to Combinatorics
AP Computer Science (HS)

SKILLS

PROGRAMMING

HTML	CSS	jQuery
JS	Python	Swift
LaTeX	SQL	LISP
C	C++	Java

WEB SERVERS/SERVICES

Apache	Nginx	RESTful
SOAP	IIS	OAuth 2.0

FRAMEWORKS

Express	Jade	Rails
React	React Native	Django
Meteor	Angular	Laravel

BACKEND TECHNOLOGIES

MongoDB	Redis	MySQL
AWS S3	PostgreSQL	GraphQL

GRAPHICS

Photoshop	Illustrator	InDesign
Maya	Blender	Sketch

MISCELLANEOUS

Theatre   Directing   Skiing

EXPERIENCE

HORIZONS SCHOOL OF TECHNOLOGY | Instructor

January 2017 – Present | San Francisco, CA

- Instruct students on full-stack technologies (i.e. **JS/React/Redux/React Native/Node/Express/MongoDB/AWS/Redis/Mocha/Chai**)
- Developed exercises, quizzes, and exams to cover course material and solidify student understanding of taught services
- Lead standup & implemented **Agile** project management tactics for four different project teams
- Worked on a slack bot that matches on-duty instructors and students seeking help on Slack (deployed on **Heroku** and uses **PostgreSQL** & **Redis** to keep track of relevant data)

FARMLOGS | Software Engineering Intern

January 2016 – May 2016 | Ann Arbor, MI

- Maintained, tested, & added features to the FarmLogs WebApp and Static Site (using **React**, **Jasmine**, **Backbone**, and **HTML/CSS/jQuery**)
- Refactored established codebase to start using **React**
- Gained an in-depth understanding of **d3** and used it to analyze data and create responsive, interactive charts/graphs
- Was an integral part of the Prescriptions (allow tractors to dispense appropriate amounts of Nitrogen on fields based on its' location) feature team, and participated in multiple feature specific sprints and daily **scrum**

HUBDOC | Software Marketer & Web Developer

May 2015 – August 2015 | Toronto, ON

- Responsible for end-to-end development of the static site
- Heavily used **CSS** & **jQuery** to implement light, creative, and responsive animations
- Learned **Bootstrap** responsive web design, static asset management, and efficient web performance techniques
- Lead social media marketing at Hubdoc by routinely promoting both in-house & external accounting content via Twitter, LinkedIn, Facebook, and email
- Wrote well-received accounting-related content (blog posts, tweets, etc.) and managed the Hubdoc Blog
- Created **Python** web scrapers to crawl popular accounting directories and generate tens of thousands of new leads for the sales team