Jay Dharmadhikari

Software Development

Student at University of Washington studying computer science and economics. Skilled at web development, iOS backend, and UI/UX prototyping. Looking for internships related to software engineering and quantitative investing.

Contact

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in Jay Dharmadhikari

Education

BS in Computer Science (Pursuing)
University of Washington

BA in Economics (Pursuing)
University of Washington

Personal Projects

- A stock market trading algorithm based on the stochastic oscillator

- Program that will calculate odds of winning Texas Hold 'Em with any given board state

- Event/meeting attendance tracking app with client and server-side functionality

Skills

- Web Development (AngularJS, ReactJS, HTML5/CSS)
- Backend for iOS and Android (Objective-C, Swift, Java)
- Frontend UI/UX (wireframe, prototype, graphics)
- Algorithm creation and analysis
- Complex multi-function API work

Experience

SEP 2021-
Home Direction, Inc.
Software Development

Home Direction offers packaging and consultancy for mortgage applications through the USDA Rural Development program. As a part of the team, I help with the initial framework for the website, secure SAML sign-on, sitemap, UI, branding, and backend.

Skills Used: React/NodeJS backend, SAML config API Calls, UI/UX

JUN 2021 - AUG 2021
Cartogram, Inc.
Software Engineering Intern

Cartogram provides indoor navigation to clients such as St. Jude's Children's Hospital and Universityof California - Davis Campus. I was given a project to migrate the framework of the accompanying iOS app from Objective-C to Swift, learning backend skills for both.

Skills Used: Objective-C, Swift, iOS Backend

NOV 2020 - MAR 2022
TeamsCode
Webmaster

TeamsCode runs programming competitions in-person and remotely for thousands of students worldwide. I overhauled the website using ReactJS and NodeJS, and helped with additional logistics.

Skills Used: React/NodeJS frontend/backend, graphic design, Python