John

Experience

Software Engineer

Embark

 January 2015 - current  New York, NY

Worked with product managers to re-architect a multi-page web app into a single page web-app, boosting yearly revenue by $1.4M

Constructed the logic for a streamlined ad-serving platform that scaled to our 35M users, which improved the page speed by 15% after implementation

Tested software for bugs and operating speed, ﬁxing bugs and documenting processes to increase eﬃciency by 18%

Iterated platform for college admissions, collaborating with a group of 4 engineers to create features across the software

Software Engineer

MarketSmart

 April 2012 - January 2015  Washington, DC

Built RESTful APIs that served data to the JavaScript front-end based on dynamically chosen user inputs that handled over 500,000 concurrent users

Built internal tool using NodeJS and Pupeteer.js to automate QA and monitoring of donor-facing web app, which improved CTR by 3%

Reviewed code and conducted testing for 3 additional features on donor- Software facing web app that increased contributions by 12%

Engineer Intern

Marketing Science Company

 April 2011 - March 2012  Pittsburgh, PA

Partnered with a developer to implement RESTful APIs in Django, enabling analytics team to increase reporting speed by 24%

Using Selenium I built out a unit testing infrastructure for a client application that reduced the number of bugs reported by the client by 11% month over month

SKILLS

Python(Django)

Javascript (NodeJS,ReactJS,jQuery)

SQK (MySQL, PostgreSQL, NoSQL)

HTML5/CSS

AWS

Unix

PROJECTS

Poker Simulation

Built a full-stack web app to allow users to simulate and visualize outcomes of poker hands against opponents of diﬀerent play styles using open source cards.js on the front-end

Utilized sci-kit learn in Python to simulate possible outcomes under diﬀerent scenarios that the user chose

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