INDYA DODSON

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Summary

Versatile Software Engineer with proven capabilities in designing accessible user-centered experiences, developing websites, and managing products from end to end.

Skills

Programming: Python, Javascript, Java, SQL. HTML, CSS
Tech Stack: React.js, Node.js, Angular JS, Express, MonogDB
Tools: Git, Jira, Sketch. Figma

Experience

Product Analyst (Product Owner)   San Francisco, CA
Medrio Inc.   Jan 2019 - Dec 2019
- Created three core features in Medrio's Electronic Data Capture platform to meet the needs of 3,000 clinical trial patients.
- Launched a Serious Adverse Events notification system that was adopted by 45% of customers within its first month.
- Analyzed customer data using SQL to identify workflow improvement, leading to a 21% higher conversion rate.
- Developed low fidelity prototypes in HTML, CSS, and Javascript resulting in a 10% increase in product delivery time.
- Spearheaded the agile process with user research, user stories, sprint planning, demos, and retrospectives for three global scrum teams.

Technical Support Representative   San Francisco, CA
Medrio Inc.   Jun 2018 - Dec 2018
- Handled 15-25 telephone calls per day by providing technical support and troubleshooting for API and UI software issues.
- Authored and maintained over 20 technical specification guides resulting in a 50% decrease in new hire ramp-up time.
- Closed 1,000 support cases within 5 months of employment and maintained a CSAT score of 95%.
- Trained and mentored a team of four new hires on customer issues and best practices who maintained a cumulative CSAT score of 90%.

Software Engineer Intern   San Francisco, CA
UserTesting Inc.   May 2016 – Sept 2016
- Developed a front-end style guide in HTML, CSS, and Angular to maintain consistent product designs in a modular format.
- Collaborated cross-functionally to develop web pages that scaled and performed efficiently across several devices.
- Implemented 10 desktop and mobile interfaces that helped increase the scrum team's velocity by 20%.

Projects

Brain Controlled Interface (BCI) Drone   Laurel. MD
Python, Numpy   Dec 2017 - May 2018
- Developed an application in Python that paired concise drone movements to brain waves captured by an EEG.
- Processed EGG data using Numpy through a stream to extract spatial brain information resulting in a 68% accuracy rate.
- Analyzed results on a case by case basis to create a universal model that supported multiple users.

Education

Bachelors of Science in Computer Science - Cum Laude   Laurel. MD
Capitol Technology University - GPA: 3.6/4.0   May 2018
Coursework**:** Computer Algorithms. Operating Systems, Database Administration

Volunteer Experience

National Society of Black Engineers (NSBE), Pre-collegiate Engineering Mentor   Aug 2014 - May 2018