

William Doudna

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SUMMARY:

- 3.97 GPA in computer science major
- 1st place winner of the 2018 Humboldt State University Hackathon
- Pursuing employment and mentorship in the field of software development
- Seeking to further hone my skills as a Full-stack developer

APTITUDE:

- Experience coding in Java (Android Applications), Python (Web Scraping), SQL (Oracle), and JavaScript
- Building applications with the Express Node.js framework and hosting sites on AWS EC2 instances
- Version control using Git
- Unix/Linux environment development
- Proficiency with Android Studio
- Participating in SCRUM development

PROJECTS:

Humemon (*Winning application of the 2018 Humboldt State Hackathon, Spring 2018*)

- The application uses the google cloud vision API to analyze an image uploaded by a user
- The results from the image analysis are then used to determine the character type and dynamically generate stats for a character that is then used for pokemon-esque battles
- Sole developer of project (Java) which was completed over the course of 48 hours
- 1st place application out of the 11 teams that participated

Dank Spots (*Class Project, Mobile Apps, Spring 2018*)

- Mobile application that uses the Google Maps API to help users find local locations
- Built in android studio with one other developer
- Acquired expertise in how to interact and use the google maps API as well as store data on an AWS EC2 Bitnami instance.

Surf ReportBuddy (*Personal Project, currently in development*)

- Web application in development that will allow users to join private groups where they can make reports that pull swell conditions from live buoy data
- Built using Express.js and MongoDB on a Debian AWS EC2 instance
- Obtained valuable knowledge and experience with Express/Node.js, Mongodb, Python (web scraping), and AWS

EMPLOYMENT:

Full Stack Developer

Planet Rocket | Arcata, California | July 2018 - Present

Our team built a web application on a MERN stack to have a responsive single page application that will help users formulate their ideas into businesses. Contributed to the building of the backend by writing mongoose MongoDB models and setting up HTTP endpoints so that the React frontend can use HTTP requests to perform CRUD operations.

Help Desk Specialist

IT User Support Services (HSU) | Arcata, California | January 2016 - Present

Assisting students, faculty, and staff with issues concerning hardware, software applications, and security. Walk users through troubleshooting and explain system functions to help users understand how to avoid future issues.

EDUCATION:

Humboldt State University | Arcata, California | Graduating December 2018

Bachelor of Science in Computer Science

GPA 3.6, Major GPA 3.97

Universidad de Alicante | Alicante, Spain | Fall 2016