

DARWIN DO

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EDUCATION

North Carolina State University

B.S. Aerospace Engineering | Computer Science minor | Spanish minor

Graduated 05/2017

Raleigh, NC

Online Courses

The Web Developer Bootcamp from Udemy

License UC-4D9E5TB5

The Complete SQL Bootcamp from Udemy

License UC-3CAAZUFI

SKILLS

Languages	Python	Java	JavaScript	NodeJS	C	jQuery	HTML/CSS	MATLAB	JSON
Database	NoSQL	MySQL	PostgreSQL	SQLite		MongoDB			
Technologies	Git	GitHub	Heroku	Jenkins	REST	Bootstrap	Jupiter	Cloud 9	
Software	Microsoft Suite		Adobe Creative Suite			SolidWorks	Android Studio	PgAdmin	

PROFESSIONAL EXPERIENCE

Outside Essentials | Long Beach, CA

May 2015 – Aug 2016

Intern

- Used Twilio REST API and Google App Script to query phone numbers to better marketing to potential customers
- Performed data driven visualization for monitoring company monthly expenses using Python libraries (Plotly, Bokeh) and Excel
- Collaborated with engineering & marketing teams to receive feedback on designs and proposed improvement plans

North Carolina State University – Housing | Raleigh, NC

Aug 2015 – May 2016

Community Ambassador

- Maintained online logs of all clerical tasked assigned to residence hall's service desk staffs.
- Accounted for management of keys, accurately documented the distribution of temporary and permanent keys

CrateClique | Durham, NC

May 2015 – Aug 2015

Intern

- Implemented company website and updated weekly contents
- Researched on demographics, services, and regulatory statutes to create proposals for product developments

PROJECTS

Antik Collection

May 2017 – Sep 2017

- Wrote the entire stack of a web app that allowed users to sign up and log in to upload items that they wanted to sell to others.
- Stack used: MongoDB, ExpressJs, NodeJs along with Bootstrap framework.
- App users could edit/upload to the web app, user and page content data were managed by MongoDB AWS and deployed on Heroku.

Aerospace Engineering Capstone Senior Design – CubeSat Deployment

Jan 2016 – May 2017

- Worked with team members to design a deployment system of tethered cubesats for rocket as the rocket approached its apogee
- Used SolidWorks to perform finite element analysis on parts to ensure the separation mechanism worked as intended

Airport Customer Check-in Simulator

Spring 2015

- Designed and developed an app to stimulate the check-in process at airports
- Studied use cases to optimize the number of staffs while minimize customer's wait time in lines.

(For an extensive list of projects, please visit www.datonedoe.com)