

# ROHAN ROBINSON

832-859-7429 · [rohan.c.robinson.21@dartmouth.edu](mailto:rohan.c.robinson.21@dartmouth.edu) · [www.github.com/rohanrobinson](http://www.github.com/rohanrobinson)

[www.linkedin.com/in/rohan-robinson](https://www.linkedin.com/in/rohan-robinson)

## EDUCATION

**Dartmouth College**, Hanover, NH

**Sept. 2017 - June 2021**

*Bachelor of Arts, Major in Computer Science*

*Major GPA: 3.5*

**Computer Science Coursework:** *Data Structures, Linear Programming, Machine Learning, Discrete Math, Algorithms*

*Data Science for Health, Security & Privacy, Human-Computer Interaction, Data Mining and Knowledge Discovery*

## RELEVANT EXPERIENCE

**Digital Applied Learning and Innovation Lab (DALI)**, Hanover, NH

**June 2020 - Aug. 2020**

*Software Engineering Intern*

- Built customizable data collection software part of a clinical study impacting over 100 patients with mental illness across 5 hospitals in the New England area
- Utilized React and Redux on front-end to make user interface and stored patient information with HIPAA-compliance in Firebase database

**Digital Applied Learning and Innovation Lab (DALI)**, Hanover, NH

**Jan. 2020 - March 2020**

*Software Engineering Intern*

- Created a new term scheduling software for 4000+ Dartmouth students integrated into the campus wide DartHub web application
- Improving scheduling time by 250% for selection-based college-designated requirements, and error-handling functionality to prevent mis-completed schedules from being sent to the Campus Registrar
- Presented weekly updates to stakeholders (Campus Technology Team, Campus Registrar) weekly with updates on the user roadmap, product progress, and current debugging tasks

**ChampionX Digital**, Houston, TX

**June 2018 - Aug. 2018**

*Product Management Intern*

- Created and delivered weekly presentations to educate 10+ salespeople on technical details of new chemical injection pump (CIP) products
- Automated analysis for sales that saved Accounting department 8 hours per week from doing manual Excel tasks by using Python scripting
- Designed and developed 2 product info pages for CIP offerings using HTML/CSS and Photoshop

## RELEVANT PROJECTS

### Automated Basketball Court Check

- Programmed a website to display availability of basketball courts at Dartmouth's gym that updated daily as a resource for the recreational basketball community of over 200 students on campus.
- Created the site with HTML/CSS and JavaScript

### Healthcare Provider Patient Management

- Designed and developed a proof-of-concept tool for a healthcare provider to view, edit, and share patient information in a standard format through an easy to understand interface
- Wrote backend code and API in NodeJS within the Express framework connected to the frontend assembled with the Bootstrap CSS framework

### Risk Factor Assessment Model for COVID-19 Infection and Mortality

- Built linear regression models using COVID-19 infection and mortality data in order to predict how cases would spread based on certain risk factors in the United States.
- Implemented the models and related analysis w/ Python along with Numpy, Pandas, and Google Collab Notebooks

## SKILLS AND INTERESTS

**Software/Technologies** (*proficient*): Python, JavaScript, Git, HTML/CSS, ReactJS, NumPy/Pandas,

**Software/Technologies** (*familiar*): Redux, Java, NodeJS, Express, MATLAB, Firebase

**Interests/Organizations:** Zeta Psi Fraternity, Technology Podcasts, Campus Newspaper, Basketball, Poker, Guitar

**Languages:** English, Spanish