

# Justin De Burgo

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## EDUCATION

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### UNIVERSITY OF MARYLAND

*College of Computer, Mathematical, and Natural Sciences*

**Bachelor of Science, Computer Science.**

**Minor, Technology Entrepreneur**

**Organizations:** Kappa Alpha Psi Fraternity Inc. and Code2040

Graduation: May 2021

College Park, MD

GPA: 3.54

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## Technical Skills

**Programming Languages:** Java, Ruby, C#, Python, JavaScript/TypeScript, C, ASP.net, HTML, CSS, and SQL

**Development Skills:** ReactJS, React Native, NodeJS, Ruby on Rails, Vue.js, Responsive Web Design, Full Stack Web Development

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## Related Experiences

### American Airlines

Dallas, TX

#### Software Engineer

June 2021 – present

- Developed and tested Java and Python REST and SOAP APIs on the Data Engineering team
- Migrated on premises APIs to Azure Cloud
- Collaborated with other teams to help them use these APIs
- Participated in a 2-year rotational program

### Fraunhofer

Riverdale, MD (Remote)

#### Software Engineering Intern

October 2020 – June 2021

- Developed and tested Python modules to scan for brain cells using machine learning for the BRAIN Platform
- Designed and developed Vue.js and Python Tornado components such as the workflow of running a module on the BRAIN Platform
- Fixed front-end and back-end bugs in Vue.js and Python Tornado web application

### TaskRabbit

San Francisco, CA (Remote)

#### Software Engineering Intern

June 2020 – September 2020

- Developed and tested ReactJS and Ruby on Rails for TaskRabbit become a tasker web page
- Developed and tested attributes of the Tasker App such as the two-factor authentication system using React Native and Ruby on Rails
- Collaborated with team members to develop the Tasker App and TaskRabbit web page
- Gave demos on new two-factor authenticator and become a tasker web page

### University of Maryland

College Park, MD

#### Object-Oriented I & II Teaching Assistant

September 2019 – May 2020

- Help teach Java to new computer science students at the University of Maryland
- Help students figure out errors in their project code
- Grade exams and quizzes

### National Association of Manufacturers

Washington DC

#### Software Engineering Intern

May 2019 – August 2019

- Practiced full stack web development and responsive web design using C#, ASP.net, JavaScript, SQL, CSS, and HTML
- Improved on already existing web applications and created three web applications from scratch
- Collaborated with clients to customize the software to fit their needs and put it into production

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## Awards

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### Computer Science Undergraduate Teaching Assistant of the Year

College Park, MD

#### University of Maryland

May 2020

- Voted by students as the most helpful teaching assistant for Object Oriented Programming II

### Northrop Grumman Cybersecurity Innovation Challenge

College Park, MD

#### 1<sup>st</sup> Place

April 2019

- Collaborated as part of a team to solve a problem with machine learning and cybersecurity