

# JACOB FANELLI

📞 914-494-7661

✉️ jacobtfanelli@gmail.com

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## EDUCATION

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**Rochester Institute of Technology**  
Bachelor of Science in Information Technology, *Cum Laude*

Rochester, NY  
May 2018

## SKILLS

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**Technology:** Javascript, React, Redux, Node, HTML, CSS, Express, Jenkins, Ansible, Python

**Databases:** Mongo, Cosmos, SQL

## EXPERIENCE

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### Software Engineer

Jul 2020 - Current

*Raytheon Technologies*

Remote

- Building a full stack web app to provide customers with a dashboard view of their aircrafts including file processing, connections, and statistics
- Utilizing react state and REST API calls to periodically update components and provide real-time data
- Leveraging Siteminder to implement secure authentication and authorization
- Performing user research to learn where we can improve the customer experience the most
- Learning C# to help contribute to an existing code base, and fix defects to improve site performance
- Learning and building a CI/CD pipeline to fully automate code deployments, saving 24 hours per month

### Digital Technology Leadership Program Associate

Jul 2018 - Jul 2020

*Raytheon Technologies*

3rd Rotation: Full Stack Engineer/Active Directory Technical Lead

Newington, CT

- Managed and executed the development of a full stack web app with a team of 3 from scoping requirements to launch and maintenance that allowed executives and project managers to monitor a \$30 million migration project of O365 licenses for 110,000 employees
- Automated account and group management in Azure AD using Javascript, web services, and low code tools, saving 14 hours per month

2nd Rotation: Project Manager - SAP ERP Finance

Charlotte, NC

- Managed the implementation of tax calculation software with 6 countries to meet regulatory requirements
- Collaborated with 32 users to test 192 tax calculation scenarios and worked closely with developers to resolve defects
- Learned python to automate the creation of a daily status report, saving 8 hours per month

1st Rotation: Product Manager - Customer Portal Web App

Farmington, CT

- Worked with 15 global users and dev team on the integration, testing, and deployment of a live chat feature
- QA tested and built 20 test cases in Azure DevOps to establish confidence in the product
- Utilized Azure App Insights to track user engagement and usage to improve user experience

### Frontend Engineer Intern

May 2017 - Aug 2017

*Raytheon Technologies*

Danbury, CT

- Designed and implemented a friendly UI experience for an exported CAD report which streamlined an approval process

## PROJECTS

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### CS:GO Nades

- Developed a full stack, educational web app for the CS:GO gaming community with features including account creation, user content submissions, and community voting
- Achieved 3,550 active users and 52,000 pageviews from 95 different countries