

PARAM PATEL

psp109@scarletmail.rutgers.edu

908-842-7955

[Website](#)

[LinkedIn](#)

[GitHub](#)

EDUCATION

Rutgers University, New Brunswick - 3.6 GPA

B.S. in Electrical and Computer Engineering, Expected Graduation: May 2021

Minor: Biological Sciences

- Relevant Coursework: Software Engineering, Intro. to Information and Network Security, Capstone
- Honors: Deans' List, James and Edna Noe Scholarship Recipient, SAME Scholarship Recipient

PROJECTS

- QuickShift - Commure [Senior Design Capstone Project]
 - Scheduling system for Practitioners in Hospitals using FHIR, React.js and OptaPlanner
 - Designed and developed Administrator Front End to view, edit and approve requests
 - Made unit testing systems of constraints for Backend
- Parking Garage Automation - SmartPark
 - Semester long Project for a full stack application made with MERN
 - Developed the reservation system consisting of interfaces to display open slots, select a reservation time and edit a previously made reservation
 - Used React Router to make functions to use GET and POST requests to the MongoDB database
- Rutgers Blueprint Fellowship - *Product Design [September 2020 - Present]*
 - Instagram Case Study - redesigning the home feed
 - Surveyed over 100 people to check the viability and efficiency of a new feature to make a more customizable feed
 - Implementing a feature to organize and categorize your feed using preset and custom filters

EXPERIENCE

Teachers' Insurance and Annuity Association (TIAA)

Cybersecurity Technology Intern, June 2020 - August 2020

- On the CyberArk Engineering team managing and overseeing the rotation of privileged access systems and accounts using tools such as the Privileged Session Manager and Application Identity Manager
- Created Splunk Alerts to notify the team of password checkouts from a specified list of safes to ensure and improve security monitoring by reporting the user, time of checkout and safe
- Shadowed the development process of the ServiceNow plugin and RSA NetWitness for timely rotation of administrative access accounts in network and applications teams based on the findings of a DNA Scan

Center of Vector Biology, Department of Entomology

Research Assistant, January 2021 - Present

- Detecting and Tracing Endogenous Viral Element in the Anopheles Genus Mosquitos

SKILLS

C/C++ Python HTML5 CSS3 Javascript BASIC Microsoft Office Adobe Lightroom,
Splunk React.js Bootstrap Node.js MATLAB Figma Autodesk Inventor Illustrator, Photoshop

OTHER INVOLVEMENT

- Society of Women Engineers - *K-12 Outreach Chair [February 2020 - Present]*
- Rutgers Blueprint - *Product Design Education Director [January 2021 - Present]*
- Rutgers Commuter Student Association - *Public Relations Chair [September 2020 - Present]*