

DAVID ALONGE

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EDUCATION

Rutgers University Newark- Honors Living Learning Community – Newark, NJ Expected graduation: December 2024
Bachelor of Arts in Computer Science, minor in Mathematics, Data Science and Social Justice GPA: 3.97

- Honors: Dean's List
- Relevant coursework: Advanced Data Structures & Algorithm, Software engineering, cybersecurity

Essex County College – Newark, NJ Graduation date: June 2021
Associate of Science in Computer Science GPA: 3.92

- Honors: Dean's List, PTK All Academic Scholar 2021
- Relevant coursework: Computer Architecture, Computer Network, Database Structure, Operating System

SKILLS SUMMARY

Programming Languages: Java, python, JavaScript, HTML, CSS

Software: Github, Xcode, VScode, Figma, Excel, PowerPoint, Canva, MySQL and Tableau

Operating Systems: Windows, UNIX, MacOS

Databases: MongoDB, AWS, MySQL

EXPERIENCE

Prudential Insurance Company – Newark, NJ May 2024 – Present
Software Engineer Intern

- Developed reusable components in React using TypeScript and Salesforce Lightning Design System, enhancing consistency and efficiency across company-wide applications.
- Acquired proficiency in Salesforce platform and led the migration and integration process of React components into Salesforce environment, enhancing cross-functional collaboration and application functionality.

Public Service Enterprise Group – Newark, NJ June 2023 – August 2023
Sustainability Green Team Intern

- Developed complex SQL queries to extract and analyze datasets from large databases, supporting strategic decision-making and competitor analysis from 2010 to 2023.
- Created interactive dashboards and visualizations in Tableau to effectively communicate insights and trends from philanthropic models and KPIs to stakeholders.

New Jersey Institute of Technology – Newark, NJ May 2021 - August 2022
Research Intern

- Contributed to research aimed at optimizing treatment strategies and patient outcomes for Covid-19 by determining the optimal timing for introducing immunotherapy
- Implemented and tested Conditional Generative Adversarial Network (cGAN) provided by IBM.
- Generated an extensive dataset of over 10,000 synthetic data from 25 observed Covid data using Neural network Artificial Intelligence (AI) modeling, and analyzed these data graphically using Notebook in Python environment.

LEADERSHIP ACTIVITIES & VOLUNTEER EXPERIENCE

The Braven Accelerator – Newark, NJ August 2023 – Present
Project Manager

- Guided team in planning a mobile app connecting students with NJ job opportunities, from conceptualization through wireframing.
- Initiated strategic partnerships and outlined plans for a career fair, establishing foundations for student-job market connectivity.