

Caitlin Mooney

Computer Science

www.linkedin.com/in/caitlin-mooney-6089b5126

Oradell, NJ 07649

mooneycatie@gmail.com

cm53@njit.edu

OBJECTIVE Computer Science and Mathematics Career

EDUCATION New Jersey Institute of Technology, Newark, NJ – 3.4 GPA **May 2022**

A.S. Computer Science, Bergen Community College, NJ – 3.3 GPA **May 2020**

COURSES Data Structures & Algorithms, Design in Software Engineering, Intro to A.I., Intro to Data Science, Computer Organization & Assembly, Intensive Prog. in Linux, Linear Algebra, Multivariable Calculus, Probability and Stats, Database Systems Design & Mgmt., Accounting

ACTIVITIES LC Peer Mentor, VP of Master the Mainframe Club, Delta Phi Epsilon Coordinator of Community Service, Association of Computing Machinery, various volunteering

CERTS. **Bloomberg** – Bloomberg Market Concepts, **UPS** – Summer Hackathons, **Interskills** – Mainframe Operator CICS & Blockchain Technologies, **IBM** – Master the Mainframe Hackathon, **Girl Scout Gold Award** – Smart Girl Saturday: Fun with Physics!

SKILLS

Languages	C++, C, Python, Assembly, Bash, R, MATLAB, SQL, JCL, HTML
& Systems	Java, Pug, XML, DB2, PostMan, DB2, Android Studio, Azure Maps,
& Tools	Linux, Ubuntu, Excel, Access, Tableau, QuickBooks

EXPERIENCE I.T. Systems, Tutoring, Research, Management

United Parcel Service

Summer 2020 & 2021

I.T. Summer Intern, Transaction Systems Programming

- Backend Work: Upgraded and created of CICS regions, automation packages, IZOA search alert queries, and automated XML deployment pipelines for file configuration.
- Frontend Work: Updated team server resource HTML webpage and other documentation to organize resources and improve onboarding of new hires.

Bergen Community College

September 2019 – 2021

Professional/ Peer Tutor & Supplemental Instruction

- Tutoring in Computer Science, Mathematics, Physics, and I.T., and S.I. Leader for Math.

Bergen Community College

Summer 2019

Mainframe Database Design Research Intern

- Performed the ETL process to generate z/OS DB2 databases, developed database architecture for data, managed assembly programs for data cleaning, storage & retrieval.
- Entered paper in a journal, presented at the Enterprise Computing Conference and VM Conference & Workshop.

Colliers International Real Estate, Inc.

Summer 2017

Infrastructure & Building Management Intern

- Made spreadsheets for submetering energy calculations and electrical usage pattern analysis.
- Coordinated building management meetings, developed project logs, and managed requirements for insurance certificate binders for tenants and vendors.