

Brey Rivera

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SKILLS

Programming: Python, SQL, Scala, Java, JavaScript

Markup: HTML, CSS, Familiar with LaTeX

Algorithms (familiar with): K-means, DBSCAN, KNN, Naive Bayes, Decision Trees

Tools: Databricks, GitHub, Git, AWS, Azure, Confluence, WordPress, Weka, Jupyter Notebook

CERTIFICATIONS

Apache Spark Developer Associate (Scala) — issued July 2023 — Expires July 2025

Azure Data Fundamentals — issued April 2023

AWS Certified Cloud Practitioner — issued July 2022 — Expires July 2025

MTA Software Development Fundamentals — issued June 2016 - Expired

EDUCATION

Arcadia University — B.S. Data Science & B.S. Computer Science

2021-2025

Current GPA: 3.98 - Dean's Distinguished

- Competitor in ICPC & CCSC programming competitions
- Student panelist for faculty Data Privacy workshop

La Salle College High School — High School Diploma

2017-2021

GPA: 4.20 - Four-time honors recipient

- Member of programming team for FTC and FRC 2017-2021
- STEAM Event Night Organizer Fall 2020

EXPERIENCE

Data Engineer Intern

Optum

June '23 – Aug '23, Remote

- Utilized Azure Databricks, Apache Spark, and Scala to create ETL scripts.
- Lead onboarding for interns brought onto the ETL team.
- Oversaw all ETL assignments of an intern lead project.
- Attended daily scrum meetings for three separate projects.

Website Support Intern

Arcadia University

April '23 – May '23, Glenside, PA

- Improved SEO for ~350 pages on Arcadia.edu by adding meta descriptions and focus keyphrases.
- Decreased image file sizes below 1 MB to improve site loading time.

LRN Basic Tutor

Arcadia University

August '22 – May '23, Glenside, PA

- Peer mentor for Freshmen at Arcadia University for several introductory computer science courses.

Advanced IT Assistant / Student Worker Supervisor

Arcadia University

August '22 – Present, Glenside, PA

- Helped resolve IT needs across campus, including classroom technology.
- Train current and new Help Desk student workers with reimaging devices.
- Update/install any required software based on user-specific and department needs.
- Assisted with A/V needs for events.
- Developed a Slack bot for use by student workers.

Information Technology Intern

Arcadia University

May '22 – August '22, Glenside, PA

- Answered ~250 tickets through Zendesk regarding account, software, and hardware-related questions.
- Re-imaged ~75 laptops and desktops.
- Recorded inventory of hardware across campus.

IT Assistant

Arcadia University

October '21 – May '22, Glenside, PA

- Answered ~100 tickets through Zendesk regarding password resets and various software-related questions.

PROJECTS

Availy

- Slack Bolt API bot developed using JavaScript for Arcadia University IT Help Desk student workers to request off and cover others' shifts.

More projects can be found on my website.

REFERENCES

Vitaly Ford – Associate Professor, CS and Math
fordv@arcadia.edu

Yanxia Jia – Associate Professor, CS and Math
jiay@arcadia.edu

Baiju Savithri – Director Engineering, Optum
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Kumar Vaibhav – Lead Engineer, Optum
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