

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, 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 – Present, Remote
• Utilize Azure Databricks, Apache Spark, and SQL to create ETL scripts.
• Attend daily scrum meetings.
• Guide coworkers through assigned 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 Freshman at Arcadia University for several introductory computer science courses.

Advanced IT Assistant / Student Worker Supervisor
Arcadia University August '22 – May '23, Glenside, PA
• Helped resolve IT needs across campus, including classroom technology.
• Train current and new Help Desk student workers with reimaging devices.
• Troubleshoot and fix computers, both software and hardware.
• 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.
• Upgraded software on computers across campus.
• 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

Availly
• 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, Computer Science and Mathematics
fordv@arcadia.edu

Yanxia Jia - Associate Professor, Computer Science and Mathematics
jiay@arcadia.edu