

# 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 reimagining 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

**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, CS and Math  
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Yanxia Jia – Associate  
Professor, CS and Math  
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Baiju Savithri – Director  
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Kumar Vaibhav – Lead  
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