

# Christopher Arancio

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## Education

### PROVIDENCE COLLEGE

Providence, RI

Pursuing B.S., Computer Science.

Anticipated Graduation: May 2025

Minors in Data Science and Mathematics.

Current GPA: 3.89

Liberal Arts Honors

Dean's List: Fall 2021 - Spring 2024

## Skills

**PROGRAMMING:** Python, C++, Java, JavaScript, SQL, PHP, HTML/CSS, R

**SOFTWARE:** Tableau, PowerBI, RStudio, PyCharm, Eclipse, Visual Studio, Microsoft Suite

**DESIGN:** Object-Oriented Programming (OOP), Database Normalization, Algorithm Efficiency (Big O)

## Work Experience

### MASSACHUSETTS STATE LOTTERY COMMISSION

Braintree, MA

#### Quality Assurance Intern

June – August 2024

December 2023 – January 2024

June – August 2023

- Collaboratively developed an autogenerating repository of winning wager tickets for testing purposes.
- Achieved a 97% success rate of extracting wager serial numbers from a PDF scan of wager ticket.
- Configured Tesseract OCR with PyTesseract and maximized successful extraction rate by pre-processing image scans.
- Developed a custom GUI in Python with Custom Tkinter package. This GUI takes user input, runs a Selenium WebDriver automation, and autogenerates a Pandas DataFrame to export to an Excel repository.
- Built GUI into executable file that is used by QA team daily.
- Assisted with mobile app testing of Massachusetts Lottery Mobile app; experience with agile development, testing in sprints, as well as regression testing.
- Reduced company liability for both employee and employer by creating 100% new documentation of software privileges within Lottery portal.
- Generated suggestions to management about potential risks given certain combinations of Lottery portal privileges when creating new roles.

### HENNESSY NEWS OF SCITUATE

Scituate, MA

#### Store Clerk

July 2017 – May 2023

- Developed customer service skills to maintain good relations of the small business with the rest of the local community.
- Assisted with management of store inventory.

## Leadership & Activities

### PROVIDENCE COLLEGE RACQUETBALL CLUB

Providence, RI

#### President

August 2023 – Present

#### Treasurer

September 2022 – May 2023

- Outlined club's yearly budget and ensures that monthly balance sheet adheres to yearly budget goals.
- Facilitated training to new members which included instructing on rules, regulations, and safe practices of the sport.