

# Nicholas Yarnall

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## EDUCATION

**Brown University, B.S. Computer Science, 4.0/4.0 GPA** **Providence, RI | Expected Graduation May 2025**

Relevant Courses: *Accelerated Intro to CS, Intro to Software Engineering, Intro to Computer Systems, Linear Algebra*

**Avon High School, 4.84/4.00 GPA, Salutatorian** **Avon, CT | Sep 2017 - June 2021**

National Honors Society, National AP Scholar, National Merit Semifinalist, National Spanish Honors Society

**Awards:** Saint Michael's Book Award, Government's Scholar Essay Electee

## SKILLS AND INTERESTS

**Programming Languages:** React, Java, JavaScript, TypeScript, CSS, Sass, Git, R, Python, C, SQL

**Areas of Strength:** Agile methodologies, JUnit, TDD, SDLC

**Language:** Elementary Proficiency in Spanish

**Interests:** Weightlifting, Philadelphia Sports, Music, Hockey, Football, Video Games

**General Skills:** Proficient in Microsoft Office Excel, PowerPoint, Adobe Creative Suite, Google Apps

## SOFTWARE ENGINEERING EXPERIENCE

**Brown University, Teaching Assistant, CS0111 Computing Foundations: Data** **Providence, RI | Aug 2022 – Present**

- Holding hours to help students with coursework
- Responsible for grading and running labs each week
- Working to improve course projects, homework, and labs

**Bootstrap, Volunteer, Frontend and Backend Developer** **Providence, RI | Jun 2022 – Present**

- Migrated the WeScheme repository from java 8 to java 17
- Working to move the entire app from JQuery/Google App Engine to Webpack/React

**Full-Stack at Brown, Non-Profit, Frontend and Backend Developer** **Providence, RI | Feb 2022 – Present**

- Collaborating with peers to develop applications for organizations around campus
- Developing software projects in an Agile environment that mirrors industry SDLC

**Travelers, Software Engineering Intern** **Hartford, CT | Jun 2022 – Aug 2022**

- Developed on the injured employees' portal asset managed by my team
- Fixed bugs and developed test suites using Angular and the jasmine testing framework
- Independently migrated an in-house diagram app to Traveler's styling in React
- Worked within an Agile engineering environment for multiple sprints

**Travelers, Robotic Process Automation Intern** **Hartford, CT | Jun 2021 – Aug 2021**

- Automated new tasks to further automate claim processing using Automation Anywhere A360
- Converted older bots to A360 code and created new test suites to accommodate the new tasks
- Worked within an Agile engineering environment for multiple sprints
- Spearheaded a project to demonstrate understanding of AA API calls/capabilities to the team

**Paragon Insurance Holdings, Financial Intern** **Avon, CT | Jun 2019 – Aug 2019**

- Personally worked to automate mundane Excel accountant reporting
- Successfully transitioned two processes to autonomous Excel macros
- Contributed to the creation of numerous financial reports alongside the accounting team

## COLLABORATIVE EXPERIENCE

**Investing Team, Team Co-leader, North American Finalist** **Avon, CT | Sep 2020 – Jan 2020**

- Co-led an investing team in the Wharton Global High School Investment Competition – [Presentation](#)
- Implemented a python 'trading model' that utilized short-term trading indicators and stock APIs to make trading predictions
- North American finalist invited to present to Wharton Committee about our unique and complex approach
- Converted the team into an inclusive stock market club during my senior year of HS to improve diversity in financial clubs

**Robotics Team, Captain** **Avon, CT | Sep 2017 – Jun 2021**

- First ever four-year captain of Avon High School Uberbots

**Gifts of Love, Volunteer** **Avon, CT | Oct 2019 – Mar 2020**

- Helped families obtain clothing and pantry items from the local gifts of love location

**American Cancer Society – Relay for Life, Team Lead Volunteer** **Avon, CT | Oct 2017 – May 2020**

- Captained/participated in three teams over the course of high school to raise money for cancer research