

Nicholas Yarnall

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EDUCATION

Brown University, *Concurrent ScB and M.S. in Computer Science*, 4.0/4.0 GPA **Providence, RI | Projected May 2025**

Relevant Courses: *Deep Learning, Computer Vision, Software Engineering, 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: ReactJS, Java, JavaScript, TypeScript, CSS, Scss, Git, R, Python, C, SQL, Tailwind, MUI

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

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

SOFTWARE ENGINEERING EXPERIENCE

Bootstrap, *Volunteer, Frontend and Backend Developer*

Providence, RI | Jun 2022 – Present

- Migrated the WeScheme repository from java 8 to java 17
- Moving 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
- Fixed bugs on the Brown Hours app used for all TA hours in computer science courses
- Leading development on an app to streamline the Brown inspection process for animal research

Brown University, *Teaching Assistant, CS0111 Computing Foundations: Data*

Providence, RI | Aug 2022 – Dec 2022

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

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