

CRISTOPHER STORY

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🔗 <https://github.com/cristory2000>

🎓 Education

Bachelor of Science in Computer Science, *University of Pittsburgh*

2019-08 – 2023-04 | Pittsburgh, PA

- GPA 3.58
- Deans List recipient
- Relevant Coursework: Algorithms and Data Structures 2, Discrete Mathematics, Calculus 2, Statistics, Intro to System Software, Database Management Systems, Programming languages for Web Applications, Software Quality Assurance

🧰 Experience

Software Engineer Intern, *Philips*

2021-05 – 2022-08 | Pittsburgh, PA

- Employed SQL with the app DreamMapper's Database to resolve 100+ issues working among a team
- Spearheaded investigation with DreamMapper's codebase while working with the device team to resolve many consequential defects
- Identified and diagnosed 10+ defects within the app through the database

Research and Development Intern, *LaFrance Corporation*

2019-06 – 2019-08 | Concordville, PA

- Researched and reported 5+ machines for the newly constructed workshop
- Conducted and monitored 2 product test runs performed in front of the team
- Initiated and presented informational activities for campers aged 10-17 to understand teamwork and the design process

📁 Projects

Stock Companion, *Javascript, CSS, HTML, React*

- Created web application using React, Redux, Ant Design, Netlify and Chart.js to give the top market data
- Incorporated market data from API's creating price charts from a 1000+ stocks with 3 different time frames
- Charted the biggest sector movements of the week and displayed the top news

Sudoku, *Python*

- Built backtracking recursive algorithm that solves any valid 9x9 sudoku board
- Constructed GUI, displaying playable sudoku board along with a solve button that shows the algorithm complete the board

Boggle Game, *Java*

- Wrote a Depth First Search recursive method to generate all words from a 5x5 Boggle game
- Implemented a heuristic to prune the algorithms search time by more than 99%

Pittsburgh Best Neighborhood, *Python & Pandas*

- Collaborated with a team to determine Pittsburghs best neighborhood based on 3 criteria; population, crime, and environment with data from WRPDC

🏠 Organisations

Young Men and Women in Charge

2017-09 – present | Exton, PA

- Teamed with 15 other students on the robotics team to design and build robots for competition
- Competed in a STEM research competition and was one of the 3 finalists
- Answered questions on a panel about college preparation and won the Senior Inspiration award

🧠 Skills

Java • Python • C • Git • SQL • HTML • CSS • JavaScript