

Davon J. Allensworth

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SKILLS AND QUALIFICATIONS

- Java
- Python
- Web Technologies (REST API, JSON, HTML, CSS, JavaScript)
- Unit Testing (JUnit, TDD, BDD)
- Strong understanding of Data Structures and Algorithms
- MacOS + Windows
- IDE's (IntelliJ, Visual Studio)
- Application Security
- CI/CD automation using Jenkins
- Knowledge of Object-Oriented Analysis and Design (UML, Design Patterns)
- Agile Practices (Scrum, JIRA)
- Excel in positive communications
- Ambitious and hard-driving
- Noted Executive Presence

WORK EXPERIENCE

Discover Financial Services

Riverwoods, IL

Software Engineer Intern

Summer 2021

- Enhanced an Interactive Application Security Testing (IAST) API utilizing TDD to enable detection of security flaws earlier in the SDLC with shift-left testing.
- Developed and revised testing suites for backend Python scripts using the unittest framework in order to boost code coverage to up to 98%.
- Updated CI/CD pipelines using Jenkins to introduce further automation and continuous monitoring of development.
- Organized and hosted 4 cybersecurity informational events with director speakers that increased intern interests in cybersecurity and overall internship experience.

UPMC Enterprises

Pittsburgh, PA

Summer Associate Software Engineer

Summer 2020 – Rescinded due to COVID-19

- Invited to develop enterprise-level Java applications on a team of other developers.

Chick-fil-A Franchise

Monroeville, PA

Area Leader & Trainer

May 2016 – December 2019

- Selected as 1 of 25 students nationwide to participate in the Fellows Leadership Program which focused on professional development through servant leadership.

PROJECTS

S.C.R.U.M

- Designed, developed, and demoed a JavaFX GUI arcade game from concept to finish.
- Incorporated persistent data storage to synchronously archive and update user scores.
- Created a Software Requirements Specification (SRS) that demonstrated game flow using UML Diagrams and detailed functional and non-functional requirements.
- Utilized: Java, JavaFX, Local Persistent Data, UML, Agile Practices

EDUCATION

University of Pittsburgh

Pittsburgh, PA

B.S.E. in Computer Science, Spring 2022

August 2018 – present

- **GPA:** 3.59, Dean's List for 4 semesters
- **Involvements:** Computer Science Club, SteelHacks 2020, Cyber Security Club