

Davon J. Allensworth

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Education

University of Pittsburgh

Bachelor of Science in Computer Science

GPA: 3.59

Computer Science Club, SteelHacks 2020, Cyber Security Club

Pittsburgh, PA

Spring 2022

Skills and Qualifications

- Java, Springboot
- Swift, SwiftUI, MVC to MVVM
- Python
- Kotlin, Jetpack Compose
- AWS
- Front-End (Angular, REST API, JSON, HTML, CSS, Javascript, Typescript)
- SQL
- Docker
- Jenkins
- Strong understanding of Data Structures and Algorithms
- Excel in positive communications
- Noted Executive Presence

Professional Experience

Software Engineer

UPMC Enterprises

Pittsburgh, PA

June 2022 - Present

- Engineered and deployed high-quality, production-grade software solutions in the healthcare domain, enhancing user experiences for over 1.25 million active users.
- Built a robust application from the ground up using Angular as part of an internal greenfield project, delivering an innovative and user-centric solution within the organization.
- Implemented several features in mobile applications using Swift and Kotlin, successfully transitioning legacy architectures to modern frameworks while boosting user engagement on both iOS and Android platforms.
- Contributed to backend solutions by standing up multiple endpoints and upgrading packages to remediate CVEs, enhancing platform security.

Cyber Security Engineer Intern

Discover Financial Services

Riverwoods, IL

Summer 2021

- Updated CI/CD pipelines using Jenkins to introduce further automation and continuous monitoring of development.
- 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%.

Area Leader & Trainer

Chick-fil-A Franchise

Monroeville, PA

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.

Personal Projects

Dex3

- Developed an iOS Pokedex application using SwiftUI that made RESTful calls to an open source API and displayed the information clearly to the user.
- Made use of Core Data to reduce loading times and included a widget implementation.

JetDex

- Developed an Android Pokedex application using Jetpack Compose that made RESTful calls to an open source API and displayed the information clearly to the user.
- Utilized pagination to reduce initial loading times and to optimize overall performance.