Stephen Glass

(732) 890-0145 ▪ sglass520@gmail.com
github.com/sglass520 ▪ https://stephen.glass

Skills

- **Languages**: Python, C, C++, JavaScript, TypeScript, PHP, C#, SQL, HTML, CSS3/SASS
- **Technologies**: React, Angular, Express, React Native, Flask, Ionic, NodeJS, PWAs, REST API

Experience

AT&T   **Middletown, NJ**
Sr. Specialist Software Engineer   *July 2021 – Present*

- Modernized critical on-premises Java applications by converting to Angular and Microsoft Azure cloud, reducing data center costs by millions of dollars annually.
- Contributed to Agile development process and collaborated with DevOps and App teams to expedite schedule and develop best ways to modernize legacy systems.

Rowan University   **Glassboro, NJ**
Full-Stack Developer (part-time)   *April 2020 – Present*

- Created web app for AI mortality prediction using TypeScript React with Ionic UI front-end and LAMP stack (PHP/Apache/MySQL) back-end with RESTful API handling.
- Designed cloud architecture and deployment model, prioritizing security (E2EE/OAuth) to protect sensitive data and containerization using Docker to maintain scalability.
- Collected usage data from ICU doctors, creating and testing 3 iterations of UI design, resulting in improved workflow integration and satisfaction.

Lockheed Martin   **Moorestown, NJ**
Software Engineer   *June 2019 – July 2021*

- Developed C++ software for radar subarrays and improved event handling system throughput 2x by converting single stream message buffers to circular queues data structures.
- Spearheaded creation of custom DHCP server in Python to discover new radar client modules during site deployment. Reduced project timeline and saved 200hrs+ labor.
- Led team of 4 electronics technicians on customer site to resolve hardware issues in radar modules, resulting in 50+ requirements sold-off and no impact to schedule.

Projects

- **OAuth 2.0 Framework** - Open-source OAuth2.0 implementation for PHP server and JavaScript React clients. Highlights token auth, CSRF, XSS attack mitigation for secure systems.
- **Web Sockets Demo** - Real-time online game using React and Socket.Io to communicate with an ExpressJS server. Intended to help developers build real-time apps using new frameworks.

Education

Georgia Institute of Technology   **Atlanta, GA**

- M.S in Computer Science (Part-time)   May 2022

Rowan University   **Glassboro, NJ**

- B.S in Electrical & Computer Engineering (GPA: 3.63)   May 2019
- Minor in Systems Engineering