

Amine Sabil

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Certifications

Comptia Security+ | Comptia

June 2025 – June 2028

Education

University of Pittsburgh

May 2024

BS in Computer Information Systems and Technolgy

- Focus in Software Application Development
- Vice President of the African Student Association

Experience

Software Engineer

Herndon, VA

IPTO3SSC | Obscurity Labs

Nov 2024 – present

- Intergrated user operation scripts to increase turn around time by over 50%
- Full-stack engineer developing in primarily in Python and React, with other languages as necessary.
- Carried out assigned Jira tickets to review business logic in a dynamic and adaptable software development process.
- Participating actively in the software development, testing, and peer review process utilizing Scaled Agile Frameworks.
- Collaborating cross-functionally with customers and teammates
- Code collaboration and development via BitBucket and GIT for project development

Software Engineering Intern

Pittsburgh, PA

American Refining Group

May 2022 – May 2023

- I developed a Microsoft Power Apps based company application for inter-departmental approvals, streamlining communication by automating email notifications and reducing turnaround time; migrated from SharePoint.
- Adapted software for oil dispensing machines to align with new government regulations and ensure compliance and operation.
- Created an intranet tool for swift accident reporting, enhancing safety staff efficiency, and reducing IT intervention.
- I collaborated with Purchasing Department to create a custom blind-bidding app integrated with SuiteCRM. This building a strong and working client relationship.
- Deployed a C#.NET application for inventory management to warehouse facility. Monitored and reported stock levels to SQL DB.
- Managed Active Directory Group Policy and permissions for RBAC on custom designed software and hardware tools.
- Handled incoming IT service tickets for branch faculties including M365 and other technology services.

IT Support Technician

Pittsburgh, PA

Islamic Center of Pittsburgh

May 2019 – Oct 2023

- Implemented local storage solutions (NAS) to efficiently manage and organize storage needs at facility. Staff utilizes remote access.
- Responsible to develop comprehensive and custom documentation for software and hardware systems.
- Set up audio/visual equipment for events, including live streaming, presentations, and sermons.
- Image and deployed laptops for faculty staff and volunteers with necessary features and software.

Freelance Full Stack Web Developer

Magitech PC

Chicago, IL

May 2020 – Aug 2020

- Collaborated closely with the business owner to gather feedback and implemented improvements to meet evolving business needs.
- Created a user-friendly interface with intuitive navigation, ensuring a seamless user experience for clients.
- Utilized iterative design process to implement customer needs and improve user

Concessionaire Team Manager

Cinemark Theaters

Pittsburgh, PA

Nov 2017 – Apr 2020

- I led by example, consistently exhibiting a strong work ethic, and dedication to achieving both personal and team goals.
- Spearheaded inventory management efforts, maintaining optimal stock levels, minimizing wastage, and reducing operational costs.

Projects

Computer Desktop Screen Recording Application

Apr 2023

- Engineered a comprehensive suite of functionality, including capturing specific screen regions, screen recording, and buffered recording for screen history. This enhances the user's ability to document and review desktop activity.
- Implemented a seamless recording experience encompassing desktop audio, user microphone audio, and desktop video. Consolidated these settings into an intuitive UI delivering user-friendly .mp4 files for efficient review

Infrared Universal Remote Mobile Application

Apr 2022

- Recorded IR frequencies using an Arduino, enabling users to replicate and control IR device functions.
- Employed Android's Consumer IR Manager package to maximize Infrared communication capabilities. This enabled the application to interact effectively with a wide range of IR device.

HomeLab Services

Mar 2026

- Media Server
 - Burned dvds to host across all devices & watch from anywhere
- Nextcloud
 - Service akin to Google Drive hosting an Office Suite of tools with additional features
- DNS Sinkhole
 - Networkwide add blocking protecting my devices from malicious attacks

Additional Information

Skills: IT Support ◦ Remote Technical Support ◦ M365 Suite ◦ Linux (Ubuntu, Arch) ◦ Windows ◦ Networking ◦ Debugging ◦ Communication ◦ Creativity ◦ Patience

Technologies: Kubernetes ◦ Django ◦ Celery ◦ RabbitMQ ◦ Tauri ◦ FFmpeg ◦ QEMU ◦ AWS ◦ GIMP ◦ Blender ◦ Whisper ◦ CUDA ◦ Docker ◦ Jenkins ◦ Selenium

Programming Languages: Python ◦ Rust ◦ Javascript ◦ Visual Basic ◦ NI: LabView ◦ C# ◦ SQL ◦ Kotlin

Hobbies: Ping-Pong ◦ Car Repair & Detailing ◦ Vex-Robotics ◦ Fiction ◦ Butcher ◦ Open Source Projects ◦ Nonogram

Awards: Addition Gibson Grant