ROOSEVELT SCAGGS

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PROFILE

I am a computer scientist focusing on full stack web development, software engineering, and systems/network administration. I am looking to contribute my technical skills to meaningful projects and have years of experience with both consumer and enterprise level technologies.

EXPERIENCE

Advanced Programming Techniques Grader, Princeton University — December 2022 - Present

Independently test and critique student software engineering projects

Full Stack Web Developer (Contracted), Trenton Health Team — Feb 2022 - Present

Met weekly with supervising team at THT to gather web application feature requirements and demonstrate implemented features for further feedback. Planned out database schema and web application architecture. Coded frontend and backend features in Python (Flask), HTML, CSS, and Javascript. Deployed and managed web application on Heroku platform.

Web Developer and Computer Repair Technician — 2015 - Present

Troubleshooted and repaired iOS, Android, macOS, and Windows computer software issues. Designed and developed custom web application for customer's non-profit business with event scheduling and donation management features.

Web Development Intern, BWISE — May 2021 - July 2021

Met weekly with supervisor and updated company website with a complete redesign. Created promotional flyers and videos for company events.

Consulting Intern, Accenture — June 2019 - August 2019

Drafted, submitted, and tracked firewall change requests to be applied to Amazon Web Services EC2 instances. Developed a custom Microsoft Access database application to aid in cost optimization process.

EDUCATION

Princeton University, Princeton, NJ — BSE Computer Science, May 2024

SKILLS

- Local and Remote Server Management (Ubuntu, Windows Server, AWS EC2)
- Administration, Management, Troubleshooting and Configuration of iOS, macOS, iPadOS, Windows, and Linux Systems in Consumer and Enterprise Environments
- Windows Server Enterprise Management (Active Directory, IIS, DNS Server)
- Network Configuration (DNS, Firewall & Port Forwarding, VPN, DHCP, Group Policy Creation)
- Database Design, Setup, and Management (Microsoft Access, Microsoft SQL Server, PostgreSQL)
- Full-stack Web Development including Design & Planning, Implementation, Local or Cloud Deployment
- Client-focused Needs Assessment
- User Interface Design