

Solomon Alan-Dei

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[LinkedIn](#) · [Github](#) · [Portfolio](#)

An aspiring firmware engineer and computer science student at Kibo School. Passionate about firmware, hardware design, and software security, and eager to use my C, Python and x86 Assembly skills and knowledge about hardware to develop secure and efficient firmware.

EXPERIENCE

coreboot Contributor

Aug 2021 - Present

Open Source Firmware Foundation, Oregon, USA

- Fixed Coverity scan issues and bugs for the main coreboot branch
- Developed, debugged and tested linting scripts for the coreboot project
- Organized and managed local meet-ups for individuals interested in coreboot development in Ghana

Application Developer

Jul 2017 - Oct 2017

TechNation Ghana, Weija, Ghana

- Built and tested software applications in-house, mainly web applications like music streaming platform
- Performed software security testing on several web applications

EDUCATION

Kibo School of Technology

Jul 2023 - Present

Bachelor of Science in Computer Science, Expected July 2026

New York, NY

University of Pecs

Sep 2023 - Present

Bachelor of Science in Electrical Engineering, Expected July 2027

Pecs, Hungary

Accra Academy

Oct 2012 - Jun 2015

Grade: 09

Accra, Ghana

ADDITIONAL

Technical Skills: C, Python, JavaScript, x86 Assembly

Tools: VSCode, Vim, Git

Certifications and Training: Digital Systems: From Logic Gates to Processors(Coursera), Build a Modern Computer from First Principles: Nand to Tetris Part I and II (Coursera)

Languages: English- Advanced, French - Basic, German - Basic

Interests: Football, Hacking, Soldering