

ROTH IN

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<https://rothpin.com>

OBJECTIVE

Desire to gain further experience in computer programming industry.

EXPERIENCE

Graduate Assistant/Developer • Arkansas State University 08/2020 – 01/2022

- Attended lectures and proctored labs. Offered solutions and answers to students using abstract algorithms and pseudo codes. Provided feedback to students to assist in their growth as computer programmers. Developed web applications to assist the courses and students.

Software Developer (Part-time) • Ritter Communications 05/2021 – 08/2021

- Setup virtual server and laid groundwork for automated provisioning system in network operation center. Created and initialized database for the automated web application.

Software Developer (Paid Internship) • Ritter Communications 01/2020 – 08/2020

- Developed and managed web application for network operation center using API and Django on CentOS.

EDUCATION

M.S. Computer Science • Arkansas State University 08/2020 – 05/2022

- GPA: 3.65
- Certificate in Data Science
- First Placed Arkansas IEEEExtreme Programming Competition

B.S. Computer Science • Arkansas State University 01/2017 – 05/2020

- Honors: Cum laude
- Minor: Mathematics
- Received Citizenship award from Department of Computer Science in 2020 for all efforts to further goals of department

LEADERSHIP

President of Association for Computing Machinery's chapter at Arkansas State University 08/2019 – 05/2022

- Recruited new members, oversaw events for the club, coordinated career opportunities for graduating members, maintained communication between the organization and department of Computer Science.

LANGUAGES

English, Khmer

LANGUAGES AND PROGRAMMING SKILLS

- C, C++, PHP, Python, OOP, APIs, MATLAB, R, JavaScript, CSS, Web Dev., Databases

OPERATING SYSTEMS

- CentOS, Linux, MacOS

SERVICES AND PLATFORMS

- SharePoint, Apache, MySQL, PHP Stack, Visual Studio Code, Moba Xterm, Microsoft Office, AWS, Django, JSON

ABILITIES

- Web Development, Software Development, Databases, Database Management, Database Administration, Data Mining, Machine Learning, Artificial Intelligence, Full Stack, Back-End and Front-End Development

PROJECTS

- Can be found at website listed above.
- These projects include an encryption/decryption system for coding/decoding messages, social media clones, a mathematics and polygon system to assist students with projects in lower-level C.S. classes, and AI project (Greedy A. Eight), and a web chat program.