

Sovann Chak

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WORK EXPERIENCE

Principal Financial Group

May 2018 – Present

Software Engineer Intern

Des Moines, IA

- Collaborated with a property asset research team to develop a web application using AWS (Amazon Web Services) which streamlined asset acquisition.
 - Automated retrieval of brokered data on property assets by developing a data-pipeline which would automatically process data through a natural language processor and archive relevant data.
 - Eliminated hundreds of wasted hours on busy work for high cost employees (asset research team).
- Developed a Java backend for a REST application which integrated Salesforce chat capabilities.
 - Increased customer service agent utilization rate by 200 percent.
- Successfully developed a production ready application on a full intern SCRUM team.

Iowa State University

Jan. 2018 – Present

Computer Science Teaching Assistant

Ames, IA

- Teach and assist students in a programming lab setting of which the aim is to learn about object-oriented languages.
- Interpret, debug, and compile student code in order to present feedback and grade student assignments based on correctness and efficiency.
- Lead weekly sessions with students to provide detailed answers and advice for programming related questions.

CAMPUS ACTIVITIES

OpenSrcSTEM

Aug. 2017 – Dec. 2017

Lead Developer

Ames, IA

- Led a team to the successful development of an educational web application with a team of fellow student developers.
- Implemented a MEAN Stack reference architecture to successfully produce application and received honorable mentions in a software project fair for our team's web application (OpenSrcSTEM).

CyMake Club

Nov. 2016 – Dec. 2017

Webmaster and Sponsorship Chair

Ames, IA

- Monitored and updated the club's website (hackisu.org) to provide a smooth registration process for hundreds of attendees.
- Partnered with local and international companies to raise tens of thousands of dollars in funding to support our student run hackathon.

EDUCATION

Iowa State University

December, 2019

Bachelor of Science in Software Engineering with Cyber Security minor

Ames, IA

SKILLS & INTERESTS

- **Skills:** C++, Java, Python, C, Git, Amazon Web Services
- **Courses:** Techniques for Applied Computer Science, Algorithms, Operating Systems, Software Requirements
- **Other Interests:** coffee; volunteering, traveling, politics, hackathons, music, art, cooking