Sovann Chak

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EDUCATION

Iowa State University   **December, 2019**
Bachelor of Science in Software Engineering with Cyber Security minor   *Ames, IA*

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 of four toward 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.

SKILLS

- **Skills:** C++, Java, Python, C, Git, Amazon Web Services
- **Courses:** Techniques for Applied Computer Science, Algorithms, Operating Systems, Software Requirements