Michael Davis

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EXPERIENCE

Software Engineer Intern, WebFilings
Ames, Iowa — 2011 - Present

WebFilings develops web-based applications that simplify data gathering and organization as well as authoring complex business reports and presentations.

- Re-wrote authentication to secure our stored password hashes
- Develop best-in-class web applications using Python, Javascript, and Google App Engine
- Worked on a team with local and remote team members practicing the Kanban development process
- Work in an entirely cloud-based environment with Google App Engine and Amazon EC2

Desktop Operations Support, ISU College of Human Sciences
Ames, Iowa — 2010 - 2011

The College of Human Sciences IT department provides IT services to faculty and graduate students.

- Maintained functionality and security on a network of over 600 machines
- Mentored faculty in technical and security issues

Computer Technician, ISU Surplus
Ames, Iowa — 2009 - 2010

ISU Surplus resells university assets to other departments, other government entities, and the general public.

- Analyzed university computer hardware for resale
- Installed PXE server to automate Windows installs

EXTRACURRICULAR

ISU National Cyber Defense Competitions

- 2010 - 1st Place
- 2011 - 1st Place

Information Assurance Student Group

- 2010 - Secretary
- 2011 - Secretary
- 2012 - Treasurer
- 2013 - Web Chair

EDUCATION

Iowa State University
B.S. Software Engineering — Spring 2014