

Permanent
7600 Twin Lake Dr.
Jefferson City, MO 65101

Sam Kreter

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EDUCATION

University of Missouri
Hours Completed: 166

Bachelors of Science in **Computer Science**
GPA: 3.86/4.00

Minors in Chinese/Spanish/Math
Expected Graduation May 2017

East China Normal University (华东师范大学) Shanghai, China Feb 2015 - Jun 2015

- Mandarin and Business in China class taught in Mandarin

Colegio Regis Hermosillo, México Aug 2010 - Dec 2010

- Variety of subjects taught in Spanish

Microsoft Seattle, Washington May 2016 - Aug 2016

- Soon to be Summer Intern

Tinderbox indianapolis, Indiana May 2015 - Aug 2015

Full Stack Developer

- Full Stack development, Ruby on Rails / Ember.js / MySQL / Amazon Web Services
- Implementing continuous integration and Agile Development

Bitnexo Shanghai, China Feb 2015 - Jun 2015

Full Stack Developer

- Worked alongside the CEO to fund raise with venture capital investing firms
- Built Bitcoin market depth calculator to find the loss or gain with exchanges from around the world

Anheuser Busch St. Louis, Missouri May 2014 - Aug 2014

Supply and logistics programming analyst

- Set up server cluster test environment for a production critical application
- Worked with Spanish speaking team to optimize ticket creating and routing system

University of Missouri Columbia, Missouri Sept 2013 - May 2014

Undergraduate Researcher

- Studied high performance computing with GPUs to optimize computing for the future
- Built a source to source compiler that reads specified key words with c language to create parallel code
- Participated in a graduate level computer engineering course ECE 4270/7270 and ECE 8270

ProDive México Puerto Aventuras, México Jul 2013

Scuba Diving Divemaster

- Assisted instructors in confined and open water training and courses (in Spanish)
- Led dive tours of two to six costumers throughout the local dive area

Computer Science Experience

Hackathon Awards

- Best overall app at CodeDay STL (June 2014)
- Best in show and Best use of technology at Hack Midwest (July 2014)

Technologies

Languages: C/C++(advanced), Python(advanced), Javascript (advanced), Ruby(intermediate)

Frameworks and Libraries: Rails, Sinatra, Node.js, Ember.js, JQuery, Angular.js

Databases: Neo4j, PostgreSQL, MySQL, MondoDB

Related Technologies: Git(Github), Amazon(EC2, S3), Heroku, Elastic Search

Organizations

- President of Association for Computing Machinery (ACM)
- Web Development Special Interest Group with Association of Computing Machinery (ACM)
- Society of Hispanic Engineers / Engineering Without Borders
- Chinese Language and Culture Association
- Planning committee for HackMizzou 2014 hackathon

Projects

- Implemented Fast File System in C
- GitHub: <https://github.com/samkreter>

SKILLS/ACHIEVEMENTS/AWARDS

- Business Proficient in **Spanish**: reading, writing and speaking
- Proficient in **Mandarin Chinese**: reading, writing and speaking
- Founded both the Science/Engineering and the Programming club at Helias High School

CERTIFICATIONS

- PADI Scuba Diving. Divemaster, Rescue Diver, Advanced Open Water Diver