

SAM HOPKINS

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EDUCATION

The University of Chicago, Chicago, Illinois

September 2012 – Present

Bachelor of Science in Computer Science – June 2016

- **Deans List** 2013-2014
- **NCAA Division III Athlete – Wrestling** 2012 – 2014
 - University of Chicago Athletics Department Athlete of the Week

WORK EXPERIENCE

Belvedere Trading *Software Engineer Intern*

June 2015 – August 2015

- Built and certified market data infrastructure in C/C++ for the ICE exchange. Reduced latency through baseline testing to previously unachieved levels. Architected a GUI to visualize trader connections during critical pre-market periods.

Lumii Health *Full-Stack Developer*

March 2015 - June 2015

- Implemented functionality within a Rails application to retrieve dynamic health insurance information and pricing from the Healthcare.gov API. Wrote automated tests to ensure database reliability and quality.

Tempesta Media *Web Developer*

June 2014 – December 2014

- Designed and built both an investor and client facing company website.

PROJECTS

BeatsByAndrey.com: *Python, Django, Heroku, BS4*

A web app built with Django framework hosted on Heroku. It includes a multi-threaded web crawler combined with a Markov chain lyric generator to generate lyrical mash-ups by your favorite artists.

XFit Utility: *iOS SDK, Swift*

An iOS app that includes an interval timer in addition to a max weight percentage calculator and graphing of weight progression over time.

PeerProof: *Ruby on Rails, Heroku*

An online academic paper exchange for spelling and grammar check by students. Enables students to edit papers and have papers edited anonymously with email updates.

TECHNICAL SKILLS

Programming Languages: Python, C/C++, Swift, Ruby, JavaScript, HTML/CSS

Web Frameworks: Rails, Django, Flask

Web Services: Heroku, AWS, Github Pages

EXTRACURRICULARS

Hack@UChicago

Attend weekly hacking meet-ups as well as ACM technology presentations.

Delta Upsilon Men's Fraternity – Chicago Chapter

Elected House Master by the chapter. Currently serving 5th quarter on the fraternity executive counsel.