SAM HOPKINS

shopkins.xyz | sahopkins93@gmail.com | 408.348.8366

github.com/samuelhopkins

EDUCATION

The University of Chicago, Chicago, Illinois   September 2012 – Present

Bachelor of Science in Computer Science – June 2016

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

WORK EXPERIENCE

Capria Solutions *Web Developer*   September 2015 – Present

- Maintain and implement changes to www.capriasolutions.com using node.js with express.

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.

PROJECTS

UChicago Classes Beta: *Node.js/Express, Jade, JQuery, BS4*

A single page app that improves on the official UChicago classes search portal by eliminating page loads on search queries and enabling filtering by department and class time. Also includes a schedule visualizer.

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 2*

An iOS app for Crossfit. Includes interval timer and max weight progression graphing.

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 upon completion.

TECHNICAL SKILLS

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

Web Frameworks: Node.js/Express, Rails, Django, Flask

Web Services: Heroku, AWS, Github Pages

EXTRACURRICULARS

Hack@Uchicago

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