

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

Full Stack Developer: Capria Solutions

September 2015 – Present

- Currently architecting a content management system and blog for a Node.js app hosted on AWS.

Software Engineer Intern: Belvedere Trading LLC

June 2015 – August 2015

- Built and certified a market data gateway in C/C++ for the ICE exchange. Reduced latency by 20% from the previous third party solution. Ideated and built a browser based GUI to visualize and solve trader connections during critical periods before market open.

Full Stack Developer Intern: Lumii Health

March 2015 - June 2015

- Implemented functionality within a Rails application to retrieve dynamic health insurance and pricing data from the Healthcare.gov API. Wrote unit tests in RSpec to ensure database reliability.

Front End Engineer Intern: Tempesta Media

June 2014 - December 2014

- Designed and built an investor facing site. Implemented SEO best practices to increase page rank.

PROJECTS

UChicago Classes Beta: Node.js/Express, Jade, JQuery, BeautifulSoup4 with Mechanize

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

BeatsByAndrey.com: Python, Django, Heroku, BeautifulSoup4

- A Markov chain generator application for lyrics. The back end includes a multi-threaded web crawler that dynamically sources data from Genius.com. Variable artist selection and Markov chain order allow for customizable pseudorandom lyrics by your favorite artists.

XFit Utility: iOS SDK, Swift 2

- An iOS app for CrossFit athletes. Includes an interval timer and progressive weight charting for lifts.

PeerProof: Ruby on Rails, Heroku

- An online academic paper exchange for proofreading by fellow students. It enables users to anonymously proofread and submit papers for proofreading. Includes automated email delivery of the proofread paper upon successful editing by another user.

TECHNICAL SKILLS

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

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

Web Services: Heroku, AWS, Github Pages

EXTRACURRICULAR INTERESTS

CrossFit, Piano/Guitar, Olympic Lifting, Surfing, Woodworking, Hackathons