

Anthony Hicks III

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Education

Illinois Institute of Technology Computer Science December 2017
Master's of Science and Bachelor's of Science Program
Applied Mathematics Minor
Cumulative GPA: 3.07/4.0 Major GPA: 3.0/4.0

Study Abroad

East China Normal University Summer 2014

Projects

Android Development

- Created several Android Applications under the developer name Mingo Technology for in Google Play Store
- Signed a contract with Greenville Public School District in 2012 to create Android Applications for all the schools in their district, approximately 13 schools.
- Physics: Mechanics, an application created in 2012 that acts as a physics calculator. Users input known variables to an equation and the application solves for the unknown variable. The application also includes a physics dictionary for several common physics terms.
- Unit Convertor, an application that allows users to convert measures from unit to unit for several quantities, including but not limited to weight, height, temperature, speed, and time.

Web Development

- RealTexting.net, currently discounted, was a website that was created to allow users to sent messages to phones from the websites. The website was hosted on as a Microsoft Azure Web App, written in ASP.NET MVC C#, and use backed by a SQL Server website. The website worked for carriers in the US and Canada before being discount.
- AnthonyHicksIII.com, my personal website written by me in PHP using the Foundation CSS Framework and the Slick JavaScript Framework.

Class Projects

- REST API for Advertisers, created a RESTful api in Java using the Jersey Framework and Tomcat. The api allowed advertisers to but an advertisement listing on a website for a certain category on a website. The api also allowed the advertsiers to delete listings. The RESTful service supported GET, POST, PUT, and DELETE requests.

Experience

Software Engineering Intern at HERE 05/2017 - Present

- Creating Scala applications,using the IntelliJ IDE and Gradle as the build tool, that creates statistics from a large data set and give those statistics to a service to be used by other users.
- Work in an agile environment, help plan sprints and create user stories, and participate in daily scrum sessions.

Expert for CodeMentor.io 01/2017 - Present

- Online mentor for those who need help with various coding problems and assignments.

Software Engineering Intern at HERE**05/2016 - 08/2016**

- Worked in an agile environment, helped plan sprints and created user stories, and participated in daily scrum sessions.
- Created a Scala application that when given a Google Protocol Buffer randomly added attributes to the Protocol Buffer and populated them with values, so that the new Protocol Buffer could test the robustness of various applications to non-breaking changes.
- The application pulled its data from an AWS S3 bucket and send data back into the bucket

IT Intern at Marathon Petroleum Corporation**05/2015 - 08/2015**

- Built ASP.NET MVC C# Application that allows users to remotely edit the configuration of other applications
- Debugged previous created ASP.NET applications

Teacher Assistant for IIT Computer Science Department**08/2013 - 12/2016**

- Helped teach the introductory Object-Oriented courses and Computer Organization and Assembly Language course, graded papers, and provided one-on-one tutoring for students.

Member of Illinois Institute of Technology Stars Computing Corps**10/2012 - 05/2017**

- President of Organization from 08/2015 - 05/2016
- Taught Computer Science concepts to middle school and high school students
- Mainly taught students who are underrepresented in Computer Science
- Lead Review Sessions for Computer Science courses

Skills**Languages**

Chinese (Mandarin) - Limited Working Proficiency
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Software And Web Development

Android	C	C++	C#
Clojure	CSS3	Git	HTML5
Java	JavaScript	jQuery	jUnit
LaTeX	MySQL	Python	PHP
Protocol Buffers	Racket	Scala	