

Carl John Zeiger

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Objective

Obtain a software development internship for the summer of 2015.

Education

The Pennsylvania State University
Bachelors of Science in Computer Science

University Park, PA
Expected Graduation - 2017
Freshman (Sophomore Track)

Activities

- Association for Computing Machinery

Coursera Coursework

- Cloud Services for Mobile Applications - HTTP, RESTful Web Services, JSON
- Mobile Services for Android Applications - Java Concurrency Frameworks, Concurrency Patterns, Android Services

Personal Projects

Android App, Easy Protein

Java, Android SDK

- Simple application that allows users to record their daily calorie and protein intake
- Improves on traditional nutritional apps by cutting the bloat associated with existing solutions
- Independent project that completed goals of learning Android and creating a viable finished product
- Uses modern Android platform features such as Fragments, ListAdapters, and ActionBar
- Published on Google Play Store with over 500 downloads. (<http://bit.ly/ZCVzz1>)

Desktop Application, Ticket Watcher

Java, Java SWT, HTML Scraping and Parsing

- Desktop GUI application that scrapes tickets from an HTML website and allows users to easily sort and run search queries on the generated collection of tickets
- Sped up search queries response times 2x-4x by using client processing power instead of the limited resources of an old, overloaded web server hosting the ticket application
- JSoup Library used for web scraping, SWT used for the GUI
- Developed as an independent personal project after business hours
- Used internally at a Telco

Employment

ZYGR INsites, Web Designer Intern

2012 to 2014

- Used JavaScript to design and create a tool that calculated bag sizes for customers (<http://bit.ly/1BKkqNp>)
- Performed maintenance on the SQL databases used by WordPress
- Worked directly with clients to gather requirements, developed WordPress websites and provided technical support

NetCarrier, Technical Support

2013 to 2014

- Maintained quality of service across a number of network softwares and protocols such as T1, SIP, PRI, Ethernet, PBX, Hosted PBX, Broadband, and Fiber Optics
- Maintained simultaneous communication with up to 20 customers on a daily basis
- Kept detailed documentation on workflow while managing multiple tickets until issues were resolved

Skills

- Familiar languages and technologies: Java, C++, Python, HTML/CSS, JS, Git, Android