

Phillip Goldfarb

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Objective

A position relevant to my interests, skills, and experience.

Education

University of Tennessee, Knoxville (near completion)

Major: Computer Science

Relevant courses (see <http://phillipgoldfarb.com/academia.html>):

COSC311	Discrete Structures
COSC312	Algorithm Analysis and Automata
COSC360	Systems Programming
COSC361	Operating Systems
COSC365	Programming Languages and Systems
COSC420	Biologically-Inspired Computing
COSC456	Computer Graphics
COSC461	Compilers
COSC462	Parallel Programming
ECE453	Computer Networks
COSC401 & 402	Senior Design

Experience

- Emagination Computer Camps: Camp Counselor
 - Taught children ages 8-16 about different tools:
 - Java, Swift
 - HTML, CSS, JavaScript, PHP
 - Android app design
- University of Tennessee: Undergraduate Research Assistant
 - CycleUShare: an open bike-sharing system
 - Maintain, improve Java code base
 - Design SQL database for system
 - I Bike KNX: record and submit bicycle trips in Knoxville
 - Re-branded an Android application, set up server backend
 - Developed a method to process geolocation data for mapping
 - Bluetooth Recorder: launch an app when a device connects
 - Develop an Android application
 - Design user interface elements

Skills

- Systems languages: Bash, C / C++, C#, Java, Python
- Web languages: PHP, HTML, CSS, JavaScript, SQL, NoSQL
- Windows / Linux setup, configuration, maintenance, administration
- Web service setup (daemons, Apache, HHVM, Dovecot, Postfix, TLS)
- AWS microservice utilization (<https://jump.wtf>)

References available upon request