Andrew Carpenter

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I'm a developer constantly looking for new ways to tinker, learn, and bring value to people. I'm currently seeking full-time employment after graduation.

Skills

LANGUAGES

Python
Java
HTML/CSS
JavaScript
C

TECHNOLOGIES AND FRAMEWORKS

Andriod
Angular2
NLTK
WebGL/ThreeJS

VERSION CONTROL

Git
SVN

ENVIRONMENTS

Windows
Linux
MacOS

SKILLS AND METHODOLOGIES

Teamwork
Documentation
Agile management concepts

Education

Rochester Institute of Technology
Bachelor of Science (BS) Computer Science 2017
Minor: Language Science
GPA: 3.50/4.00

Employment

Center for Integrated Manufacturing Studies - RIT
Software Engineer   Rochester, NY   Jan 2016 to Current
- Part of a small team developing an Augmented Reality application for wearable computing and mobile devices. Focused on manufacturing, this application provides work instructions to industrial workers.
- Involved in the complete process of application development, from project planning, to requirements gathering, and implementation of a custom server API and web application that utilizes it.
- Implemented application on a broad range of Android hardware and form factors, from smart glasses to tablets.

City of Rochester
Client Support Technician   Rochester, NY   May 2015 to Aug 2015
- Responsible for diagnosing and fixing problems throughout the City's 3000+ user network, addressing a variety of hardware, software, and infrastructure problems.
- Supported non-technical end users in an enterprise environment.

Computer Science Department - RIT
Student Lab Instructor   Rochester, NY   Aug 2014 to Aug 2015
- Responsible for assisting faculty in the delivery of a programming based laboratory for the university's introductory computer science courses in Python and Java.
- Worked in the department's Tutoring Center for several hours per week assisting students.
- Graded student work, providing feedback to support learning and growth.

Projects

HistoryTextPy
Application used to guess the publication date from the text of a novel, built with Python and NLTK.

andrewbcarpenter.com
My personal website, built straight from HTML, CSS, and JavaScript. I learned a lot about web development and how domains and hosting work.

GetUp
Android app built to encourage physical activity. My first exposure to the Android SDK and accelerometers.

Grocer
Personal shopping assistant for iOS, made at the Apple iOS hackathon.

Activities

Student Ambassador · RIT Computer Science Department
- Show prospective students the CS department and share my experiences at RIT

Orientation Assistant · RIT Center for Orientation and Transition
- Introduced incoming freshmen to RIT and helped them adjust to college life

Director of Operations · RIT Student Government
- Responsible for keeping all records and transitioning between SG administrations

Boy Scouts of America
- Eagle Scout Award
- George Christiansen Leadership Award