

kcarpenter33@gatech.edu
github.com/kurtcarpenter
http://kurtcarpenter.io

Kurt Carpenter

Phone by Request
Atlanta, GA
Cincinnati, OH

Education

Georgia Institute of Technology - Atlanta, GA

Anticipated Graduation: May 2018

- BS in Computer Science candidate; GPA 4.0/4.0
- Taken CS1332 (Data Structures & Algorithms); enrolled in CS4400 (Intro to DB Systems)

Skills

Languages: Java, C#, HTML/CSS/JavaScript; working knowledge of Python; exposure to C, Groovy
Frontend: AngularJS, jQuery, Materialize, Bootstrap
Backend: Node.js, Spring Framework
Other: Docker, Microsoft Azure, SonarSource SonarQube, Atlassian Bamboo, Microsoft SharePoint

Work Experience

Memora Health - Principal Software Engineer - Atlanta, GA

April 2015 - Current

- Full-stack development, architecting for startup building messaging platform promoting patient medication adherence. Recent emphasis on front-end engineering and programming

Manhattan Associates - Co-op, R&D Architecture - Atlanta, GA

Summer 2015

- Architected/wrote Java web application to run field tests on proprietary Identity Provider. Tool verifies ECP, JWT, and SAML flows. Mavenized project, uses Spring Core/MVC/Security, AngularJS + Bootstrap + jQuery
- Evaluated Docker as development, CI, and deployment environments. POC of Docker registries hosted on Microsoft Azure using JFrog Artifactory. Architected distributed network of registries for internal/client use

General Electric - Intern, Aviation Enterprise Architecture - Sharonville, OH

Summer 2014

- Configured POC of SonarQube static code analyzer; presented and configured tool for cross-business use. Identified over 2000 days of technical debt across 50,000+ lines of Java code
- Architected data services for consolidation, streamlined development process for a global team

Ascendum Solutions - Intern, Custom Application Development - Blue Ash, OH

Summer 2013

- Developed, created high-level architecture for, and documented project delivery portal using SharePoint; portal currently used for numerous projects, additionally to be implemented as a standalone portal for external clients
- Coded portal modules (HTML/CSS + C#/ASP.NET) for project status updates, handling issue/risk tickets, visualizing project status/progress, user administration, OAuth with social media accounts

Activities

Yellow Jacket Archery Club

2014 - Current

- Scored 4th place in 2015 GAA State Indoor Championship (Male Barebow Senior division)

Boy Scout Troop 947

2008 - 2014

- Eagle Scout: raised \$11,000, led 47 volunteers in 1200 hour service project at community for adults with autism
- Leadership positions for over four years, including leading 80 Scouts, training/advising leadership, planning/executing weekly meetings and monthly outings

INTERalliance of Greater Cincinnati

2011 - 2014

- Member of the IT-focused non-profit collaborative of 70 high schools and 100 companies
- Attended TechOlympics Expo 2012, 2013, 2014; learned/developed skills in coding competitions and breakouts
- Graphic Designer for team at Miami Careers Camp 2012; won Technology Oriented Business Enterprise capstone

Cello Performance

2001 - Current

- Current co-principal Georgia Tech Symphony Orchestra, former co-principal Cincinnati Symphony Youth Orchestra, former principal cellist Cincinnati Junior Strings and toured Australia and New Zealand
- Performing cello at community dinners and "Sing for a Cause" concerts fundraising for Alzheimer's Association

Recognitions

Google (co-hosted by Medstro) Wearables in Healthcare Pilot Competition 2015 finalist (Memora Health)
Hungry Hungry Hackers CTF 2014 - 10th place in Hackathon