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Kurt Carpenter

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Education

Georgia Institute of Technology - Atlanta, GA

Anticipated Graduation: May 2018

- GPA 4.0/4.0; BS in Computer Science candidate
- 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
- Microsoft SharePoint, Atlassian Bamboo, SonarSource SonarQube, Docker, Microsoft Azure

Work Experience

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

Summer 2015

- Evaluated Docker as development, CI, and deployment environments. POC of Docker registries hosted on Microsoft Azure and JFrog Artifactory. Architected distributed network of registries for internal/client use
- 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

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

Summer 2014

- Identified data services for consolidation, created process/development documentation with a global team
- Configured proof of concept 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

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

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

Accomplishments

- Hungry Hungry Hackers CTF 2014 - 10th place in Hackathon