

Douglas J. Smith
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Related Experience

Google, Inc. Pittsburgh, PA May 2017 - Present
Engineering Practicum Intern

- Implemented system for comparison of factual/counterfactual experiments.
- Designed user interface for summarizing and querying test data.

CrcI Notre Dame, IN August 2016 - Present
Android Developer / Project Manager, Web Developer

- Coded CrcI-Android app based on business review functions/features of CrcI iOS application.
- Contributed to completion of CrcI's Angular2 web application.
- Integrated Google Analytics on Web and Angular applications.
- Improving Android features and maintaining application post-launch.

Notre Dame Department of Computer Science Notre Dame, IN September 2016 - Present
Student Researcher for Dr. Ronald Metoyer

- Organized materials for a survey paper on data visualizations in sporting statistics.
- Wrote python script for creating D3-readable JSON from survey data.
- Constructed HCI lab website using AngularJS and BootstrapCSS.

Arrix Family Mobile Development Lab Notre Dame, IN January 2017 - Present
Software Developer

- Originating, designing, and developing applications for student use at the university in conjunction with OIT and the Athletics Department.

Notre Dame Department of Theatre Notre Dame, IN August 2016 - May 2017
Database Admin/Teaching Assistant

- Created PHP script for managing student work scheduling.
- Oversaw hosting/database management for scheduling website.

National Tsing Hua University Hsinchu, Taiwan May 2016 - August 2016
Researcher

- Designed system for dynamically testing circuits and fault lists for identical faults.
- Refactored ABC circuit modeling library to function with C/C++ executables, optimizing for modeling purposes.

Mercatus San Mateo, CA February 2016 - March 2016
Software Intern

- Developed python script for producing Excel spreadsheets with summaries from GoodData, Jira, and ZenDesk APIs.
- Wrote script converting GoodData reports to PowerPoint presentations.

Promazo Notre Dame, IN March 2016 - August 2016
Web Development Consultant

- Instituted small maintenance changes to Promazo website 1.0.
- Contributed to website design/feature layout for website 2.0.
- Engineered tests for website 2.0 REST API, implented in Django framework.

11trees
Software Development Consultant

Austin, TX

April 2015 - January 2017

- Designed, coded, and tested Annotate for Chrome extension, which expanded user's copy-paste ability in Chrome.
- Updated/maintained Annotate for Chrome post-release for increased security/performance.
- Developed Alpha version of Annotate for Word, porting Annotate style/features to Microsoft's Javascript Add-On framework.

Projects

Leadership/Activities

Skills