Daniel Graf

Developer | Innovator

danielgraf.developer@gmail.com
www.danielwgraf.com/design
(610) 763-1629

Education

Carnegie Mellon University

B.S. Information Systems
w/ University Honors
Minor in German
May 2017
3.6/4.0 GPA

Study Abroad

Technische Universität Dresden
Wirtschaftsinformatik
Spring 2016

Design

UI/UX | Frontend Design
Material Design | User Testing
Black & White Photography

Technical

Backend Development
Code Design | Test-Driven Dev.
Mobile Development

Programming

Ruby on Rails | Ruby | SQL
Git | HTML | CSS | JavaScript
Swift | C | Python | NodeJS
Java | ReactJS | AngularJS

Business

Leadership | Microsoft Office
Project & Product Management
Teamwork | Public Speaking

Languages

English | German

UI/UX Development Experience

Website Designer & Developer • Reading, PA • August '17 – Present
- Working as a freelance website consultant for multiple clients
- Analyzed competition and the client's needs before developing mockups
- Developed multiple iterations focused on using Google's Material Design

Tech. Consultant • Ministry of Education, Koror, Palau • Summer '17
- Developed the first Teacher Evaluation System for Palau, a full-stack Ruby on Rails solution that allows access to over 200 employees
- Developed UI/UX using Material Design within a static template
- Consolidated over 6 years of existing observation data resulting in the ability to analyze and improve teaching throughout the country

Design Lead • Beaver County Humane Society • Spring '17
- Architected and coded a design overhaul to improve the user experience while also expanding application use to mobile devices
- Worked with a small team to fix bugs and improve functionality of the BCHS Foster Portal, which doubled the amount of users over six months

Website Designer & Developer • CMU Soundbytes • Spring '17
- Revitalized a website that hadn't been updated since 2005 using Jekyll and GitHub Pages, leading to a more public presence for the group

Interaction Designer & Developer • CMU Safety Pin • Fall '16
- Participated in a team tasked with the goal of creating an innovation in Health and Safety on the CMU Campus
- Researched, designed, and developed an iOS application with an interactive map-based UI to consolidate safety information
- The application shows vital locations on campus, such as emergency phones, while also following active shuttles and detailing crime alerts

Other Experiences

Teaching Assistant • App Design and Development • Spring '17
- Worked as a TA for the sophomore Information Systems course
- Graded exams and projects, while also running weekly labs to help up to 20 sophomores improve their web application development skills

Guatemalan Mission Trips • Summers 2007-2009
- Provided medical aid, vacation bible school, and construction crews to local families, schools, and orphanages