

# Daniel Graf

Developer | Innovator

danielgraf.developer@gmail.com

www.danielwgraf.com

(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