David McGrath

511 Stonegate Drive
Blacksburg, VA 24060

contact@davidmcgrath.com
(540) 999-8399

Hi, my name is David. I'm a thoughtful, patient, and caring person who enjoys discovery, improvement, and developing meaningful connections with people. I try to get by in this imperfect world while making at least a little better.

Professional Experience

Rackspace Hosting, Blacksburg, Virginia   summer 2012 - present
A managed cloud computing company

Software Developer II, Cloud Office
- Cultivated an environment of psychological safety among teammates, fostering open creativity and problem solving
- Helped teammates with problem solving via "rubber ducking", identifying areas of uncertainty, and asking questions
- Developed a component library implementation of a company design system using React and Bootstrap
- Discovered and promoted patterns to make common development tasks easier for the team
- Created a web app from scratch using Angular, gulp, karma, protractor, and Vagrant
- Incorporated skills from Crucial Conversations class and other soft skills trainings
- Maintained and grew a complex app using ASP.NET MVC, NServiceBus, NHibernate, ASP.NET Web API, and Angular
- Created a JavaScript API as a data layer for our website on top of our public Admin REST API

Sparta, Centreville, Virginia   summers 2008 - 2011
A United States defense contractor

Intern
- Explored C++ development in Linux and working in a team

Personal Projects

Roomie   winter 2007 - present
An easy to use, extensible home automation framework, served from http://roomiebot.com
- Implemented Angular modules, controllers, directives, unit tests from scratch
- Maintained some older MVC pages alongside new Angular pages to explore in real-world migration constraints
- Implemented a repository pattern for the website's server-side data layer to separate ORM-specific implementation
- Developed a plugin system for the desktop application
- Defined a general interface to reconcile different types of devices and different hardware technologies
- Published on GitHub: https://github.com/mavtak/roomie

Volunteer Work

Raft Crisis Hotline, NRVCS, Blacksburg, Virginia   winter 2016 - summer 2018
- Provide over-the-phone empathy and support to residents in the New River Valley
- 300 hours logged

Formal Education

Virginia Tech, Blacksburg, Virginia   fall 2008 - spring 2012
B.S. in Computer Science

Published Friday, September 14, 2018