

ANNIE C. SCHWARTZ

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SKILLS

Languages: C++, C, HTML5, CSS, SASS, JavaScript, Python, SQL, Visual Basic (VB.NET), Java, Clojure

Frameworks: ASP.NET, Node.js, Django, Flask, Wagtail, Express.js, Handlebars.js, Jinja2, Bulma, React Native

Other Technologies: Git, MongoDB, PostgreSQL, GNU debugger, GNU make, CxxTest, Doxygen

EDUCATION

Bachelor of Science, Computer Science
College of Science and Engineering, University of Minnesota – Twin Cities

Dec 2018

EXPERIENCE

Student Front-End Web Developer

May 2018 - Present

Student Unions & Activities Office, University of Minnesota

Python, Django, Wagtail, Flask, SASS, Jinja2, HTML

- Port an exiting Flask/Django site to Wagtail, preserving the UI while making improvements to the project's structure and code
- Implement changes to existing UIs to match designers' vision

Full-Stack Web Developer Intern

June 2017 - Aug 2017

Wells Fargo, Minneapolis, MN

ASP.NET, VB.NET, SQL

- Worked as part of a remote team and received "exceeds expectations" on all performance reviews
- Built ASP.NET user interfaces that, via a VB.NET business logic layer, allowed users to view and interact with records in a SQL database
- Wrote SQL stored procedures to handle complex insertion and update logic

PROJECTS

"Pixie" (expo.io/@acschwartz/5117-pixie) - group project

React Native (JavaScript), Node.js, Express JS, MongoDB, Handlebars.js, Bulma CSS, Unsplash API

- Cross-platform React Native mobile app that creates phone wallpapers by sorting the pixels of a source image
- Source images can be uploaded or selected from Unsplash API grid
- Image manipulation is performed server-side due to constraints of React Native middleware

Programming Language Translator - partner project

C++

- C++ program that performs two-way translation between C++ and a proprietary domain specific language
- Concepts used include regular expressions, parsing, and abstract syntax trees

LEADERSHIP & VOLUNTEERING

Association for Computing Machinery for Women (ACM-W) Student Chapter, University of Minnesota

President

May 2017 - May 2018

- Created and successfully executed an aggressive, multi-faceted plan to grow chapter
- Assembled and managed team of 15 officers, overseeing all chapter activities
- Increased membership to 10x the previous year's

Vice President

Sep 2016 - May 2017

Animal Foster, Pet Haven of Minnesota

Jan 2018 - Apr 2018