alexander stewart

student

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✚ summary

I am a senior computer science student at the University of Pittsburgh, with a passion for software development and problem solving. My particular skills involve working with compiler design, computer graphics, and cloud databases.

✚ employment

PNC Financial Services
Pittsburgh, PA
Technology and Innovation Intern — May 2019 to Aug. 2019

I worked under Intelligent Automation on the Robotic Process Automation team. I was tasked to create a bot to automate parts of PNC's mortgage setup process with a team of three other interns. By the end of the summer we were able to deliver the product into Quality Assurance.

Bentley Systems Inc.
Pittsburgh, PA
Intern — May 2018 to Aug. 2018

I created a tool to migrate data for a deprecated service in Microsoft's Azure Table storage to a newer service which used data in CosmoDB. I learned how to navigate Microsoft's cloud databases both through the online portal and through C#.

University of Pittsburgh – School of Computing and Information
Pittsburgh, PA
Undergraduate Teaching Assistant — Jan. 2018 to Current

I lead a recitation for Introduction to Programming (Java), in which I answer students' questions, and teach labs. I also hold office hours during which students can come in to get one on one help.

✚ activities

Steelhacks
A hackathon held annually at the University of Pittsburgh

The Pitt Challenge
A hackathon held annually by the University of Pittsburgh, focused on medicine and pharmaceutical innovation.

✚ education

University of Pittsburgh
BS Computer Science 2020
GPA: 3.74

✚ coursework

Data Structures

Introduction to System Software

Algorithm Implementation

Formal Methods in Computer Science

Introduction to Computer Graphics

Introduction to Compiler Design

Software Engineering

Software Quality Assurance

✚ skills

Java
HTML
CSS
Javascript
C
C#
C++
Python
SQL
PHP
Computer Graphics
Unix
Android Development
OpenGL
Base SAS 9.0 Certified
Assembly Language
x86
MIPS
Agile Development