

Alec Welch

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<https://github.com/welchcode>

EDUCATION

Illinois College, Jacksonville, Illinois

Bachelor of Science Anticipated Graduation May 2020

Major: Computer Science

Minor: Economics

GPA: 3.54 / 4.0

Dean's List

WORK EXPERIENCE

Illinois College, Jacksonville, Illinois

August 2018 - Present

Student Developer – XML, SharePoint, JSON

- Maintain Raspberry Pi temperature and Humidity Sensors which utilize a Python program to gather temperature readings of server rooms
- Maintain and create Microsoft Flows for IT department's SharePoint website
- Write documentation for existing software projects
- Redesign college's mobile application
- Maintain and improve school's PowerApps Application for mailroom service by improving user efficiency and handling break and fix tickets

SOFTWARE PROJECTS

Store Database GUI – Java and SQL – In progress

- GUI supermarket application that utilizes PostgreSQL to store typical supermarket data in a database

Calculator – Android – 1 week

- Calculator Application that does operations such as addition, subtraction multiplication, and division

CtoF – Android – 1 week

- Application that prompts users to convert a number from Fahrenheit to Celsius or vice versa

Product Store – Java – 2 weeks

- Application that allows users to enter data and details about products using nodes and a linked list to keep track of product's data values

PROGRAMMING LANGUAGES

Java, Python, Android

SQL, HTML, CSS

TECHNICAL ABILITIES

SharePoint, Microsoft Access, Microsoft Flow

Microsoft Office, PostgreSQL