

# Blake Condrey

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## EDUCATION

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### Microsoft Systems and Software Academy

Oct 2021 – Feb 2022

*Incoming Software Engineering Intern - Apprenticeship*

- 19-week Cloud Applications Development course deploying web/console-based applications by utilizing:
  - C#      - ASP.NET MVC      - T-SQL      - Azure      - Visual Studio

### Southern New Hampshire University, GPA 3.9

**Expected Graduation May 2023**

*B.S. Computer Science – Software Engineering*

*Distance Learning/Manchester, NH*

-Fall 2019 President's List      - Spring 2020 President's List

#### Relevant Courses:

- Computer Programming Languages (C++)      - Foundations in Application Development (Java)
- Quantitative Analysis      - Data Structures and Algorithms (C++)      - Physics      - Calculus

## WORK EXPERIENCE

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### United States Air Force

Jan. 2018 – Present

*Command Post, Shift Supervisor*

*Colorado Springs, CO*

- Communicated daily to senior Pentagon directors via tailored reports with real-time command and control data and situational awareness which enabled the direction of time-critical decisions to sixteen units operating \$22.6B in space satellites and ground radars with no mission or product losses.
- Developed emergency management and disaster preparedness program across four installations, five Air Force organizations, and over 30 geographically separated units, that continually safeguards 25,000 personnel and \$5B in Department of Defense assets.
- Deciphered 230 emergency time-sensitive messages to direct base defense augmentation, alert base directors of sabotage or acts of war, and report to defense headquarters of completed postures at a 100% success rate within four measured components of a two-minute window, protecting 440,000 civilians and 25,000 DoD members.

### Verizon Wireless

Jul. 2015 – Jul. 2017

*Solutions Specialist*

*Chattanooga, TN*

- Engaged with walk-in customers to discover needs and expose shortfalls, producing game changing solutions that resulted in 168% year-over-year increased sales revenue.
- Developed product bundles by leveraging existing quantity discounts to provide customers with the best wireless solutions, exceeding sales targets by 130% for 18 consecutive months.

## TECHNICAL SKILLS/PROJECTS

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### Languages/Technologies:

Python | JavaScript | C++ | Java | HTML/CSS/Bootstrap | Flask Python | SQL | Linux Apache

### Selected Projects:

#### Sorting Visualization Tool

<https://blakecondrey.github.io/sortingvisualizer/>

- Web App that generates an array of columns, and visualizes the bubble sort, insertion sort, selection sort, merge sort, and quick sort algorithms.
- Built with **JavaScript, Node.js, HTML/CSS/Bootstrap**, deployed on **Heroku**.

#### Python-Flask News Aggregator

<https://blakecondreynewsagg.herokuapp.com/>

- Flask Web App which utilizes the newsapi-python REST API to curate an aggregated news page.
- Built with **Flask Python, SQLAlchemy, Flask Forms, HTML/CSS/Bootstrap**, and **Linux Apache**