

# JOEY BUSH

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## OBJECTIVE

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Seeking post-graduation software development roles to apply and enhance computer science expertise in a family friendly work environment.

## EDUCATION

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<b>Virginia Tech</b> GPA: 3.1/4.0 B.S., Computer Science	Blacksburg, Virginia Expected Dec 2023
<b>Brightpoint Community College</b> GPA: 3.57/4.0 A.S., Engineering Honors: Magna Cum Laude	Midlothian, Virginia May 2020

## SKILLS

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Languages:	Java, C, Python, JavaScript
Web Technologies:	HTML, CSS
Frameworks:	PANDAS, Git, Microsoft Office Suite
Misc:	Web design, UX, Fullstack development

## PROJECTS

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### Geographic Information System - Data Structures and Algorithms

- Designed and implemented a Java program to organize information pertaining to geographic features and provide various kinds of access to the information.
- Created and maintained a GIS database file that contains all records that organized said file based on specific input
- Incorporated a bufferpool for fast speed searches, generic quad tree and different data structures

### Personal Web and Video Server - Computer Systems

- Build and maintained a personal web server in C that can serve files, stream MP4 videos and provides a token-based authentication API
- Implemented the connections as per HTTP/1.1 protocol

### Comparing Quarterbacks - Data Analytics and Visualization

- Used online data sets to keep track and compare which quarterback was "the best of all time" between a certain time range in Python
- Implemented methods for collecting, storing, cleaning, accessing and manipulating large scale datasets with PANDAS

### Personal Website - Independent Project

- Designed a personal website for myself as well as a peer using HTML, CSS, and Javascript
- Recreating existing aspects of a website to fit peers requests

## PROFESSIONAL SKILLS

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### Server - Outback Steakhouse

- Adapted to fast-paced and high-pressure situations, maintaining a calm and composed demeanor
- Pristine time-management, organization, communication, multi-tasking, listening and leadership qualities

### Caregiver

- Cared for my terminally ill father
- Coordinated medical appointments, medication schedules and daily routines effectively
- Collaborated with family members, medical professionals and other caregivers to provide comprehensive care