

# John Patrick Kingston IV

479-306-8484 | pkingston@bowdoin.edu | <https://pkingston.xyz>

## EDUCATION

---

**Bowdoin College**, Brunswick, ME **Expected May 2025**  
Bachelor of Arts in Computer Science and Classical Languages 3.81 GPA  
*Relevant Coursework:* Software Engineering, Functional Programming, Linear Algebra

## WORK EXPERIENCE

---

**Bowdoin College**, Brunswick, ME Fall 2022-Present  
*Learning Assistant for CS department*

- Assisted students in a data structures course where I taught complex algorithmic concepts and helped students debug Java code.
- Supported students in a systems programming course where I taught foundational concepts such as memory management, registers, and the C programming language.

**J.B. Hunt Transportation**, Lowell, AR Summer 2022  
*Application Development Intern*

- Migrated 12 mainframe deployed Spring API's to containerized deployment using Docker and Kubernetes onto the Google Cloud and Microsoft Azure platforms.
- Programmed configuration transfer tool in Python to automatically move configuration data from JSON to a custom YAML format.

**Bowdoin College C-Store**, Brunswick, ME Spring 2021-Fall 2022  
*Convenience Store clerk*

- Completed checkout process where I regularly interacted with a diverse customer base, helped customers locate items, and managed inventory and restocking of items.

## PROJECTS

---

**Bowdoin.wine** Winter 2022

- Developed a club website in the Python Django framework that allows members to view past wines, previous tasting notes from other members, and see upcoming events.
- Deployed Postgres database, nginx web server with Gunicorn web server as a reverse proxy, and automatic CI/CD using git/github on a Debian Linux server.

**CICO (Calories in, Calories Out)** Fall 2022

- Programmed a calorie tracking android and IOS mobile app using Flutter that allows users to manage their calorie input and output to meet weight loss/gain goals.

## LEADERSHIP & ACTIVITIES

---

**Bowdoin Wine Society** President and Founder Winter 2022-Present

- Founded a wine appreciation club where I organize and host regular events with a diverse selection of wines and an emphasis on creating an inclusive and welcoming space