

# CALVIN THOMPSON

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## EDUCATION

### Bowdoin College

Brunswick, ME

*B.S. Computer Science, Mathematics and Economics Interdisciplinary* | **GPA: 3.8/4.0**

*Expected May 2027*

- **Courses:** Multivariate Calculus, Data Structures, Theory of Computation, Introduction to Math Theory, Algorithms, Macroeconomics, Computer Systems, Linear Algebra, Microeconomics, Web Analytics, Math Extension

## TECHNICAL SKILLS

**Languages:** Python, Java, C, C#, JavaScript, R, HTML/CSS, SQL

**Technologies/Tools:** React, .NET, Linux, Git, Gitlab, Visual Studio, Jira, Azure, Vercel, Render

**Certifications:** The Odin Project (Foundations); Johns Hopkins Intro to HTML, CSS & JavaScript

## EXPERIENCE

### Cavicchio Greenhouses

Sudbury, MA

*Software Developer Intern*

*May 2025 – Aug. 2025*

- Built and shipped Price Center, a full-stack web application for company-wide pricing sessions to batch-update item prices and maintain an audit trail (React, .NET/C#, MS SQL).
- Cut item load time from 9.0s to 0.4s for 22,000 items by replacing a long stored procedure with two SQL views (static item attributes + historical pricing meta-data) and a nightly Hangfire job to pre-compute snapshot tables.
- Delivered a Session Editing view using a high-performance grid with pinned left/right columns, filtering, sorting, multi-select, and type-aware inline editors and renderers (for currency, numbers, and dates).
- Earlier contributions included scheduling pending transaction emails via Hangfire, revamping a multi-recipient email form, and adding a "Quick Pick" category menu for faster item selection.

### Bowdoin College

Brunswick, ME

*Data Structures Learning Assistant*

*Jan. 2025 – Present*

- Facilitate learning for Data Structures students by communicating regularly with professors and addressing students' academic struggles with techniques that resonate with their individual learning styles.

*Technical Support Representative*

*Jan. 2024 – Present*

- Assist 3,000 faculty, staff, alumni, and students with software/hardware issues using the TeamDynamix IT service management ticketing system.
- Manage 5,000 iOS devices and troubleshoot client issues in person, over the phone, and via online chat.

### Cyberwarrior Foundation

Chelsea Middle School & Haverhill High School, MA

*Teaching Assistant Intern*

*Apr. 2023 – Jan. 2024*

- Conducted a 12-week learning initiative instructing 20 high school students in cybersecurity, virtual networks, Python, and Linux through engaging presentations and personalized games.
- Strived to bridge technology skill gaps and improve diversity in tech by providing cybersecurity training and support to underserved communities.

## PROJECTS

### Gail Thompson Foundation | [www.gailthompsonfoundation.org](http://www.gailthompsonfoundation.org)

Jun. 2024 – Dec. 2024

- Founded a Massachusetts non-profit inspired by my grandmother's battle with Alzheimer's disease, partnering with Bowdoin Baseball to donate proceeds (50% each) to The Jackson Laboratory (Bar Harbor, ME) and local Brunswick care centers.
- Built and shipped an end-to-end donations platform for the nonprofit: React + Bootstrap frontend with real-time progress, Stripe Payment Element checkout, ASP.NET Core (C#) API using EF Core/Dapper on Azure SQL; production-ready on Vercel (frontend) and Render (API) with env-based config, CORS/HTTPS hardening, health checks, and secure secrets.

## LEADERSHIP EXPERIENCE AND ACTIVITIES

### Computer Science Faculty Search Committee

Oct. 2024 – Present

- Assist in interviewing and evaluating potential Computer Science faculty; provide feedback to the department chair on candidates' research, student research ideas, and teaching techniques.

### Leadership Activation

Sep. 2024 – Dec. 2024

- Participated in bi-weekly meetings and reflective journals to develop peer leadership skills such as giving/receiving feedback, conflict management, delegation, and accountability.

### Bowdoin Baseball Team | Player

Aug. 2023 – Present

- Participate 35 hours/week in team practices, games, and training while maintaining a rigorous academic schedule.

### Arctic Global Management | Portfolio Manager

Feb. 2024 – Present

- Lead biweekly reviews of 5 analyst pitches, applying DCF, football-field, waterfall, and scenario models in Excel; present NYSE equity research; mentor analysts with structured feedback; and helped incorporate the fund as a tax-exempt entity and secure initial capital.