

# Andy Deng

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## EDUCATION

**Boston College, Morrissey College of Arts & Sciences**

*Bachelor of Arts in Computer Science*

GPA: 3.53/4.0

Chestnut Hill, MA

May 2024

## EXPERIENCE

### Evera

Remote

*Contract Software Engineer*

Jul 2024 – Present

- Migrating a Rails and React e-commerce platform to a Next.js, Medusa, and Node.js stack
- Rebuilding core features such as product management, payments, and order processing using Medusa's headless commerce framework

### Vanta

Boston, MA

*Software Engineer Intern*

Aug 2023 – Feb 2024

- Added 7,000+ lines of Ruby and TypeScript code, improving functionality for 20,000+ active users
- Developed an efficient notification system that tracks thousands of daily messages using Redis
- Collaborated with Ops and CX teams to introduce several quality of life bug fixes and features
- Integrated APIs including Stripe, Cloudinary, and Twilio, achieving 95% test coverage with RSpec and Playwright

### Evera

Remote

*Software Engineer Intern*

Jun 2023 – Aug 2023

- Developed a visually appealing and responsive user interface for an e-commerce platform using React
- Built a REST API in Rails to handle purchases and track user and clothing information
- Implemented Stripe, SendGrid, and UPS APIs for secure payments, emails, and shipping management
- Set up and managed custom domains and DNS to improve branding

### Boston College

Chestnut Hill, MA

*Undergraduate Research Assistant*

Jan 2023 – Jan 2024

- Selected out of 45 software engineering students to help develop an algorithm for TA-Professor matching
- Created a RESTful API in Django/Python to manage course applications for 800+ faculty and students
- Eliminated matching complaints completely and cut processing time from 3 weeks to 1 week
- Created a CI/CD pipeline with GitHub Actions with over 300 tests using Pytest

### Boston College

Chestnut Hill, MA

*Information Technology Consultant*

Aug 2022 – May 2024

- Aided students and faculty courteously to resolve varied technology issues, closing over 400 tickets
- Trained junior technicians, helping them develop skills and become more independent

## PROJECTS

**Eagle Eats** | *React, Node, MongoDB, Git, Heroku*

- **Won 1st place at the BCCSS 2022-2023 Annual Hackathon**
- Built a full-stack app using BC's Dining API to recommend meal plans based on user data and nutritional goals

**EcoViz** | *JavaScript, D3.js, Tableau, Vega-lite*

- **Voted best final project in CSCI3313 Visualization**
- Created a visualization using D3.js and Tableau that showcases the devastating impacts of greenhouse gasses on the environment

## SKILLS

**Languages:** Python, JavaScript, Ruby, C, Java, SQL; **Frameworks:** React, Rails, Django, Spring, Node.js, Next.js;

**Tools:** Git, Linux, Docker, Jira (Agile); **Databases:** PostgreSQL, Redis, AWS (S3, RDS); **Testing:** RSpec, Playwright, Pytest, JUnit