

# RYAN CHEN

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## Objective

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Recent Computer Science graduate from Boston University with experience in AI development, software engineering, and data management. Skilled in Python, Java, and SQL. Seeking back-end or full-stack roles at organizations advancing scientific computing, cybersecurity, and educational technology.

## EDUCATION

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### Boston University, Boston, MA

Graduated May 2025

Bachelor of Arts in Computer Science

Scholarship: Bayride Alumni Scholarship

Relevant Coursework: Algorithms, Cryptography, Discrete Math, Java, Computer Systems

## TECHNICAL SKILLS

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Languages: Python, Java, C, OCaml, SQL, HTML/CSS, JavaScript, P5js

Tools: Git, GitHub, Command Line, Bootstrap, Google Workspace

Concepts: AI/ML, Data Structures, Algorithms, Cryptography

## PROJECTS

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### AI Model Optimization · *Python, Machine Learning*

- Improved accuracy by 15% through feature engineering and evaluation.
- Built data preprocessing pipelines to prepare and clean training data.

### Data Management System · *SQL, Python*

- Designed system to streamline file organization and ticketing.
- Reduced support response time by 20% through automation.

## EXPERIENCE

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### Outlier (Remote)

Jun 2024 – Aug 2024

AI Development Intern

- Assisted in AI model development: preprocessing data, feature engineering, and model evaluation.
- Audited outputs to ensure accuracy and alignment with project goals, supporting performance improvement.
- Contributed to implementation of best practices for analysis and model enhancement.

### Infinity OY Virtual Program (Remote)

Jul 2022 – Aug 2022

Software Engineering Intern

- Coordinated project timelines and stakeholder expectations to meet deliverables.
- Developed solutions in Python, Java, and SQL to address business challenges.
- Applied strategic problem-solving to deliver impactful software in a business framework.

### CTE Industry Scholar (Remote)

Jul 2020 – Aug 2020

Data Management Intern, Dept. of Social Services

- Supported DSS as a data manager, improving file organization and addressing technical issues.
- Communicated with clients and documented support priorities for escalation.
- Completed 1000+ requests via Microsoft Teams collaboration.

### SEO Scholars, New York, NY

Feb 2018 – Present

Scholar

- Selected among 1000+ for an 8-year academic program supporting first-gen college students.
- Completed 720+ hours of prep courses in math, writing, and SAT; attended career workshops.