Ryan Lee

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EDUCATION

Virginia Tech   **Blacksburg, VA**
College of Engineering   *Expected Graduation: Dec 2026*
B.S. in Engineering: Computer Science
- Overall GPA: **3.65/4.00** (Dean's List)
- Relevant Coursework: Software Design & Data Structures, Data Structures and Algorithms, Computer Organization I & II, Computer Systems, Comparative Languages

SKILLS

Programming Languages: Java, Python, C, JavaScript, TypeScript
Web Development: React, HTML, CSS (Tailwind)
Tools: Git/GitHub, Docker, Slack, Supabase, Visual Studio Code, Eclipse

RELEVANT EXPERIENCE

Project Developer - BITS (Building Impactful Tech for Students)   **Blacksburg, VA**
Virginia Tech   *September 2025 – Present*
- Collaborating with a six-member Agile team to design and develop Unmanned Industries' Ecommerce platform, specializing in the sale of diverse drones and drone parts.

Teaching Assistant, Data Structures and Algorithms   **Blacksburg, VA**
Virginia Tech   *August 2025 – December 2025*
- Led 10 office hours a week, supporting 50+ students, clarifying concepts and assisting with programming assignments in Java
- Resolved 1.5x the average volume of questions compared to a peer group of 21 Teaching Assistants

Jersey Mike's Subs   **Leesburg, VA**
Assistant Manager   *July 2021 – August 2024*
- Supervised and trained over 15 employees, ensuring operational efficiency
- Managed inventory accuracy, performed financial audits, opening/closing procedures

PROJECTS

College Marketplace Web App | *JavaScript, HTML, CSS, Supabase*
- Built a full stack platform for Virginia Tech students to buy, sell, and trade items with secure Supabase user authentication and real-item storage

Autonomous Gemini-Powered Negotiation Agent | *Python, Flask, Google GenAI, eBay SDK*
- Architected a real-time messaging agent that leverages Google Gemini to handle eBay buyer negotiations and FAQs
- Designed a Flask webhook listener with asynchronous task processing, ensuring high message retention and eliminating request timeouts during peak traffic

CERTIFICATIONS

Intermediate Web Development   *September 2025 – December 2025*
CodePath

Intro to Web Development | Advanced Technical Interview Prep   *June 2025 – August 2025*
CodePath

Excel 2019 Associate   *February 2023*
Microsoft

IT Fundamentals (ITF+)   *June 2022*
CompTIA