

IAN VALETA

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EDUCATION

EASTERN CONNECTICUT STATE UNIVERSITY

Willimantic, CT

B.S. Computer Science

May 2025

Cumulative GPA: 3.84/4.0; Dean's List 2021-2025

PLATT TECHNICAL VOCATIONAL HIGH SCHOOL

Milford, CT

High School Diploma; Trade: Computer-Aided Drafting and Design

Aug 2016 - Jun 2020

Cumulative GPA: 4.3/4.0; Salutatorian;

SKILLS AND CERTIFICATIONS

Technical Skills: Advanced in Javascript, HTML/CSS; Proficient in Typescript, Python, Java, SQL

Certifications & Training: Next.js App Router Fundamental (Vercel), Next.js SEO Fundamentals (Vercel), React Foundations for Next.js (Vercel), Intro to AI Strategy Course (Codecademy), Code Foundations Skill Path (Codecademy)

WORK EXPERIENCE

RENEWAL BY ANDERSEN

Middletown, CT

Proximity Marketer

Sep 2025 - Present

- Communicated with teammates, managers, and potential customers with a positive attitude.
- Gain domain expertise: common window types, pain-points, Renewal by Andersen & Andersen products.
- Generated \$100k in company revenue from free window consultation appointments set.

JOBSPANK LLC

West Haven, CT

Founder

Mar 2025 – Present

- Developed a full-stack web application using TypeScript, React.js, Next.js, and Supabase.
- Purchased and configured custom domain (www.jobspank.org) using GoDaddy, Google Sites, and Vercel.
- Designed user interface prototypes using Figma to communicate design flows and user interactions.

EASTERN CONNECTICUT STATE UNIVERSITY

Willimantic, CT

STEP/CAP Head Community Leader | Office of University Opportunity Programs (Seasonal) Jun 2025 – May 2025

- Supervised and led a team of 6 community leaders, to academically support 44 students in a summer transition program.
- Implemented productivity tools using Microsoft Excel to streamline administrative tasks and track student progress.
- Facilitated weekly team meetings to discuss student performance and identify areas for improvement.
- Managed program logistics for study halls & events, ensuring a smooth and engaging experience for both students and staff.

Computer Science Tutor & Office Assistant | Department of Computer Science

Aug 2023 – May 2025

- Provided one-on-one and group tutoring for students in 12 different computer science courses.
- Developed personalized tutoring plans based on individual student learning styles, resulting in improved comprehension.
- Assisted supervisor with sending out and receiving 1,000+ course feedback surveys and annual department events.

STEP/CAP Community Leader | Office of University Opportunity Programs

(Seasonal) Aug 2022 – May 2024

- Provided academic support to over 100 students in a summer transition program, helping them acclimate to university.
- Enforced and upheld university policies and safety guidelines, ensuring a positive living and learning environment for all.
- Developed, organized, and hosted academic and social support programs with an attendance turnout of over 75%.

Resident Assistant | Office of Housing and Residential Life

Aug 2022 – Dec 2022

- Mediated conflicts between residents, applying strong interpersonal and problem-solving skills to resolve problems.
- Enforced university housing policy to ensure the safety, security, and well-being of over 200 residents in the residence hall.
- Responded to and managed emergency situations and medical incidents following established protocols.

Program Assistant | Office of University Opportunity Programs

Oct 2021 – May 2022

- Designed and produced promotional materials for university programs, including 8.5 x 11in flyers, and custom t-shirts.
- Managed and organized the department's photography needs, capturing high-quality images of campus events.
- Assisted with event planning and execution, coordinating with staff to ensure the successful delivery of program initiatives.

TIER ONE MACHINING AND ASSEMBLY SOLUTIONS

Newtown, CT

Mechanical Engineering Intern

Jul 2019 – Aug 2019

- Designed a custom lathe tool in SOLIDWORKS, collaborating with a Tools Machinist and Process Engineer.
- Organized and maintained mechanical drawings to ensure the machine shop floor had access to the latest documentation.
- Drafted and revised technical drawing using SOLIDWORKS under the supervision of a Process Engineer.

VOLUNTEER EXPERIENCE

EASTERN CT STATE UNIVERSITY COMPUTER SCIENCE BOOTCAMP

Remote

Volunteer Program Facilitator

Aug 2024 – Aug 2025

- Provided information about the Computer Science major at Eastern CT State University, and gave 6 lectures over the course of 2 weeks to small cohorts of 7-8 incoming first-year students.
- Communicated with current students and alumni to join meetings as guest speakers to answer student questions about career advice, academics, and personal projects.

FINISHING STRONG | OFFICE OF STUDENT AFFAIRS

Willimantic, CT

Program Assistant Volunteer

Jan 2025 – May 2025

- Safely operate university vehicles to assist with food and beverage orders for 50+ students every week.
- Reached out to 20+ students to schedule intake appointments with the Dean of Student Affairs using Google Voice.

COVENANT SOUP KITCHEN

Willimantic, CT

Volunteer

Jan 2017 – Present

- Communicated with guests and volunteers in English and Spanish to assist with inventory management.
- Collaborated with a small team of volunteers and staff to organize and transport crates of food (25-50lb) across the site.

WINDHAM NO FREEZE SHELTER

Willimantic, CT

Volunteer

Jan 2017 – Present

- Engaged with guests to provide items from storage, including hygiene products, clothing, and other essentials.
- Assisted staff in relocating shelter operations by dismantling furniture, and loading inventory into transport vehicles.

PROJECTS

IMAGE TOKEN CALCULATOR - HTML, CSS, TypeScript, GitHub, Vercel

May 2025

- Developed a web application used to calculate how many tokens an image will require using multiple OpenAI models.
- Utilized GitHub for source control and Vercel to deploy application | <https://image-token-calculator.vercel.app/>

MERGE SORT C++ PARALLEL VS. SERIAL PERFORMANCE ANALYSIS

May 2025

- Implemented parallel and serial merge sort using C++ 20 which reduced execution time by a factor of 384x.
- Implemented a custom thread pool script to manage code parallelism.

FOOD PANTRY VISIT AND VOLUNTEER MANAGEMENT DJANGO WEB APPLICATION

May 2025

- Interviewed pantry volunteers and administrators to elicit software requirements.
- Designed and prototyped a web application in a 4-person team using Python, Django, HTML, CSS, and JavaScript.

LZ77 COMPRESSION ALGORITHM PYTHON IMPLEMENTATION

Mar 2024

- Implemented the LZ77 compression algorithm using Python achieving a 7-33% decrease in file size for textual data.
- Collaborated in a 2-person team using Microsoft Office to write a 9 page research paper, and present findings.