Kenny Nguyen

US citizen authorized to work for any employer

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EDUCATION

Clemson University | Clemson, SC   January 2023 - December 2025
Bachelor of Science in Computer Science   *Cumulative GPA: 3.9/4.0*

- President's List Spring 2023, Spring 2024, Fall 2024

University of South Carolina | Columbia, SC   August 2018 - December 2021
Bachelor of Science in Biological Sciences   *Cumulative GPA: 3.8/4.0*

- Magna Cum Laude
- Dean's List Fall 2018 - Fall 2021, President's List Fall 2021

SKILLS & TECHNICAL TOOLS

Languages: C#, C++, C, Java, Python, HTML, CSS, TypeScript, JavaScript, SQL

Frameworks & Tools: React, Ember.js, .NET Core, Vite, Tailwind CSS, MS SQL Server, Git, GitHub, Bitbucket, Azure DevOps, Jira, Trello, UNIX/Linux, VS Code, Visual Studio, JetBrains Rider, IntelliJ, Cursor, JMP

PROJECTS

Resume Website
- Developed a personal resume website using React, Vite, TypeScript, and Tailwind CSS to highlight technical skills.
- Built a responsive and modular front-end design with reusable React components and clean TypeScript structure.
- Utilized Tailwind CSS utility classes to streamline styling and maintain visual consistency.

Student Ticketing Web App
- Worked on an Agile team to develop TigerTix, a .NET web application with HTML/CSS for student ticket purchasing.
- Implemented vendor and student accounts for event creation, ticket purchasing, and purchase history.
- Built a cart and checkout system to simplify ticket purchases.

EXPERIENCE

Software Engineer Co-Op | Alarm.com | Greenville, SC   *January 2025 - May 2025*
- Refactored virtual panel firmware to match current hardware, increasing bulk user creation capacity and improving demo/testing workflows; authored and presented design docs to key stakeholders.
- Extended an internal community creation tool to auto-generate realistic demo communities with rental units and virtual residents, streamlining property-management testing, demos, and onboarding.
- Built a comprehensive audit trail for rental community objects to log all changes into a database table; developed an ASPX page with search and filtering functionality to review change history.

Software Engineer Co-Op | Alarm.com | Greenville, SC   *May 2024 - August 2024*
- Developed a full-stack feature integrating remote door-lock control into live camera feeds, now used by 20,000+ commercial customers; improved reliability through bug fixes, feature enhancements, unit testing, and code reviews.
- Prepared labeled datasets and trained a convolutional neural network (CNN) for AI-driven recognition of building floorplans, automating device placement, and reducing manual configuration.
- Built and maintained applications with Ember.js (TypeScript, Sass, Handlebars), .NET Core (C#), and MS SQL Server, ensuring reliable performance across the stack.

Dumpling Team Lead | Sum Bar | Greenville, SC   *January 2023 - May 2024*
- Led a team of 15+ dumpling chefs at a newly opened restaurant.
- Optimized the kitchen operations, monitor inventory levels, and order weekly supplies and ingredients as needed.
- Facilitated effective communication between each team to address and resolve production challenges and streamline workflow processes.