**Christian Diaz**

[LinkedIn](https://www.linkedin.com/in/christian-diaz5/) | [Portfolio](http://christiangdiaz.com/) | [GitHub](https://github.com/christiangdiaz) | [christiangdiaz2@gmail.com](mailto:christiangdiaz2@gmail.com)

**Education**

**University of Massachusetts Amherst, The Commonwealth Honors College** *August 2024 – May 2027 (expected)*

***Bachelor of Science in Computer Science***

* **Emerging Scholars Program:** A leadership initiative fostering academic excellence and diversity in the honors college.
* **Relevant Coursework:** Data Structures, C, Probability and Statistics, Object-Oriented Programming

**Community School of Naples** *August 2020 – May 2024*

* **GPA:** 4.4
* **Awards and Honors:** Computer Science National Honor Society, College Board National Hispanic Recognition Award, Capstone Award, AP Scholar with Distinction, Global Seal of Biliteracy, Chinese Excellence Award
* **Relevant Coursework:**Machine Learning with Python, Software Development

**Work Experience**

**Learning Resource Center**  *August 2025 – Present*

*Supplemental Instruction Leader* *Amherst, MA*

* Lead two weekly peer learning sessions for **CICS110 (Foundations of Programming),** creating custom review materials and debugging exercises to reinforce key programming concepts
* Collaborate with faculty and attend pedagogy workshops on active learning, inclusive teaching, and informal assessment to improve instruction strategies
* Serve as the primary academic resource for a foundational CS course, supporting over 50 students per semester through technical problem-solving

**Build UMass** *September 2024 – Present*  
*Software Developer Amherst, MA*

* Developed AI-powered backend search functionality to enhance legal document accessibility for the New England First Amendment Coalition
* Designed intuitive UI/UX components to enhance user engagement and accessibility across the platform

**Manning Undergraduate Student Impact Council** *August 2024 – Present*  
*Committee Lead Amherst, MA*

* Selected for the Manning Undergraduate Student Impact Council, collaborating with the College of Information and Computer Sciences (CICS) dean to shape student wellbeing initiatives and academic policy
* Currently launching a podcast featuring CICS faculty, aimed at fostering community engagement and improving student access to faculty research and career insights

**Projects**

**Pelican Point** – Led full-stack development of a secure condominium website to comply with Florida law, providing residents with document access and resources

* Tech Stack: Node.js backend, React frontend with Tailwind CSS, Firebase Firestore, hosted on Heroku and Amplify

**Perfect Accent** – Created a promotional business website for seamless client acquisition.

* Tech Stack: React, Firebase, AWS Amplify

**Personal Portfolio** – Designed and developed a professional website to showcase projects and skills with a focus on a modern, responsive design and performance

* Tech Stack: Next.js, Tailwind CSS

**Technical Skills**

* **Programming Languages**: Python, JavaScript, HTML, CSS
* **Frameworks & Tools**: React, Node.js, Firebase, FastAPI, Git, AWS, Heroku, Amplify
* **Data Analysis & Visualization**: Pandas, Matplotlib, Seaborn, Plotly
* **Languages**: Native fluency in English and Spanish

**Leadership and Activities**

* **Ethics Bowl**: Co-founder & Team Captain (2 years)
* **Computer Science Honor Society**: Secretary (1 year)
* **Coding Team**: Member (4 years)