

# Joshua Ramos

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## EMPLOYMENT HISTORY & PROJECT EXPERIENCE

### MEetAndYou

August 2021 - May 2022

- Built and deployed a yearlong project as a developer/QA in a team of 6 to develop an itinerary web application using .NET, C#, Amazon RDS (AWS)/IIS, ReactJS, HTML, CSS, and Agile/SCRUM methodologies
- Designed the business requirements document (BRD) and project plan to meet client specifications
- Designed 50 low-level designs (LLDs) and implemented features hyperlink sharing and user management using SQL, LINQ, and Entity Framework Core to manage the SQL Server Express database

### Personal Website

May 2022 - Present

- Developed a personal online portfolio to showcase software projects
- Hosted website through Github Pages and created UI using HTML and CSS styling

### “Baedou” Discord Application

September 2021

- Developed a Discord bot to track stamina count (resin) in a video game
- Implemented a Python program using Discord API and Async.IO to calculate time relative to user's in-game events
- Imported user data into MongoDB database and implemented Discord commands for a user-friendly experience for managing resin

### N-Queens

September 2021

- Implemented a genetic algorithm to solve a 5 queens problem using selection, crossover, and mutation phases.
- Programmed a hill-climbing algorithm to solve a 5 queens problem using heuristic costs for adjacent chess states.

### Tesoro Corporation - IT/Field Support Intern

June 2017 - August 2017

- Diagnosed & Imaged systems, and assisted other departments with computer issues
  - Assisted in Tesoro project of updating over 200 PCs to transfer to Windows 10
  - Configured computer equipment for 50 other interns to increase work efficiency
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## SKILLS

- **Programming Languages:** Python, C#, C++, Java, HTML, CSS, SQL
  - **Tools:** Microsoft Office Applications, Insomnia, Postman,
  - **Database:** SQL Server Management Studio (SSMS), Azure Data Studio, MySQL, MongoDB Atlas
  - **OS:** Windows 10, macOS Monterey
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## EDUCATION

California State University, Long Beach  
Bachelor of Science in Computer Science

May 2022  
CSULB GPA: 3.5

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## ORGANIZATIONS

Association for Computing Machinery (ACM)

- Member since June 2019