

# Maria Diane Batres

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## EDUCATION

Massachusetts Institute of Technology Cambridge, MA  
Bachelor of Science in Computer Science and Engineering December 2023

Relevant Courses: *Elements of Software Construction; Introduction to Algorithms; Computation Structures; Introduction to Machine Learning; Mathematics for Computer Science;*  
Leadership Roles: *Director of the Latino Leaders Assembly, Executive Board - Latino Cultural Center Executive Board (2020-21); Social Media Representative, Executive Board - MIT Chapter of the Society of Hispanic Professional Engineers Chapter (2019-20)*

Evanston Township High School Evanston, IL  
Diploma May 2019

*GPA 4.47/4 weighted; Selected Evanston Scholars; Team Access and Success in Advancement Placement - Advisory Board Captain; Society of Hispanic Professional Engineers (SHPE Jr.) - Vice President- 2018; Students Without Borders - Secretary*

## EXPERIENCE

Olive AI Boston, MA  
Software Engineer Intern June – August 2022

- Constructed components for an authorization testing framework using Rust to validate current relationship-based user models
- Developed an understanding about relationship-based access control through OpenFGA
- Collaborated across multiple engineering teams throughout a company-wide restructure

Publicis Sapient New York City, NY  
Software Engineer Intern June – August 2021

- Developed a web application with a team of interns using React JS, HTML/CSS, Java, and Spring Boot while working mainly on front-end
- Managed project using Jira to schedule all of the software releases and to track and remove obstacles or impediments to development of the application

National Bureau of Economic Research Evanston, IL  
Research Assistant July- August 2020

- Utilized Pandas and ZipFile libraries on Python to manipulate csv files
- Aggregated 10+ years' worth of gigabytes of annual transaction-level data in zipped files into individual quarterly csv files

Monroe Financial Partners – QwickAnalytics Chicago, IL  
Data Entry Intern June- August 2020

- Obtained reports and data from 400+ banks and inputted them into an Excel spreadsheet

## AWARDS AND ACHIEVEMENTS

- SHPE Apple Scholarship 2020; Evanston Scholars (selective college access and success program); William and Stella (Levas) Ketter Scholarship 2019;

## SKILLS

- Python (including Pandas), Java and JavaScript (including React JS and Bootstrap), TypeScript, HTML/CSS, Microsoft Excel & Word, Google Suite software, Jira Project Tracking software, Github: version control
- Film and digital photography, Photoshop