

Matthew Levine

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Education

B.S in Electrical Engineering / M.S in Information Technology

Rensselaer Polytechnic Institute, Troy NY

Graduated: May 2021
Dean Honor List: Spring 2020

Relevant Courses:

Communication Systems, Microprocessor Systems, Fundamentals of Solid-State Lighting, Internetworking of Things (IoT), Algorithm, Data Science, Database Systems, Information System Security

Engineering Experience

Associate

July 2021 – Present

JP Morgan & Chase

- Designed and developed backend utilizing tornado servers for multiple internal websites
- Supported up to 700 users by resolving day to day issues and enhancing tools to meet user needs
- Communicated with Product Owners to discuss roadmaps and prioritization of work
- Utilized Agile methodologies to deliver code in a fast paced environment to meet requirements
- Trained 4 team members on day to day activities along with how to manage supporting users
- Ran a global team of 5 members including both Frontend and Backend to deliver internal tools
- Onboarded multiple lines of business onto our platform ensuring data was properly configured for Product Controllers and Market Risk Controllers
- Led workshops for wider team to further enhance cross team knowledge of our code base

Mobile Development Lead

Oct 2019 – Jun 2020

Edibubble

- Constructed Xamarin mobile app applying the MVVM pattern
- Implemented 10+ custom views following designer mockups for both android and IOS applications
- Consumed AWS serverless services through RESTful APIs with API Gateway and Lambda
- Documented design progress, meeting scheduling and task completion for a team of 5

Power Engineering Intern

May 2019 – Aug 2019

Jacobs Engineering Group Inc.

- Designed one-line diagrams representing complicated electrical distribution system for 3 Amtrak stations
- Calculated arc flash hazards, load flow and cable pullings to help mitigate harm to workers operating transformers
- Improved safety and reliability of the MTA Power Lines System
- Collaborated with structural, mechanical and architectural teams on over 80 power designs for Revit floor plans

Leadership

External Relations Chair

May 2019 – May 2020

Philippine American League

- Convoked general body meetings showcasing cultural events and activities for 90+ members
- Collaborated with other organizations and administration to create a diverse community

Skills

Programming Languages

C, C++, C#, Python, Go, PostgreSQL

Web Development

.NET, React, HTML, CSS, JavaScript

Game Development

Unity, PyGame, Lua, Love2D

Embedded Software

I2C, SPI, DMA, ADC, DAC, USB, UART

Machine Learning

TensorFlow, Scikit, OpenCV, Keras

Internet of Things

WebSocket, NS3, WIFI 6