

EDWIN VALERIO

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Github: <https://github.com/Edwinvalerio> Portfolio: <https://edwinvalerio.github.io/portfolio/>

EDUCATION

University of Hartford (Hartford, CT)

Jul 2011 - SEP 2013

- Computer Science and Engineering - Selected classes: Design & Analysis of Algorithms,
- Computational Cognitive Science, Machine Learning, Hacking XR, Software Construction, Software Systems for Data Science

WORK EXPERIENCE

Massachusetts Department of Transportation - Software engineer

Dec 2019 - PRESENT

- Work using React JS components, Forms, Events, Keys, Router, Animations, and Flux concept.
- Using Node.js as server-side/back-end & MongoDB as database

Morgan Stanley

Mar 2018 - Dec 2019

- Coded Qlikview dashboard and designed data model schema for trade liquidity calculations
- Programmed Python cursor tool to extract trade records from SQL database into Pandas

Facebook(Cambridge, MA) - Software Engineering Intern

Jan - Mar 2018

- Facebook Platform - Payments
- Implemented an automated alert sender to inform 3rd party developers when they misuse facebook's Payment API; reduce daily errors by 75%
- Integrated GetVerifiedStatus Paypal API into the payment engine

IBM (Littleton, MA) - Software Developer Intern

Jun - Aug 2017

- Built Selenium and Javascript test framework for IBM Planning Analytics (TM1 Web)

Microsoft (Cambridge, MA) - Software Engineering Intern

- Microsoft's Garage Program. Interns are placed in teams to research and develop potential products for Microsoft.

Microsoft (Cambridge, MA) - Software Engineering Intern

Mar - Jun 2017

- Creating reports or dashboards to extract insights from graph database data

PROJECTS

Flight Tracking App - use by Emirates Airlines at Boston

- Implemented an automated flight status App that checks the status of inbound flights connecting with Emirates Airlines. Notify Operation Manager via Text message using Twilio API when inbound flights are delayed reduce meal wastage from 12% to 20% saving the company +\$700,000/year by reducing meal wastage

Deicing Manager

- Design and developed a deicing manager dashboard use by Swissport-USA to bill airlines at logan international airport.

IOS Mobile App

- Designed and developed an IOS App to help Greencard holder
- Designed and developed an IOS App to help new drivers to prepare themselves to pass the writing drivers license test