

RAUL MONRAZ ECHEVERRIA

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EDUCATION

YALE UNIVERSITY

New Haven, CT

Bachelor of Science (BS) in Computer Science | GPA: 3.7

December 2017

Relevant Coursework: Design and Analysis of Algorithms, Data Structures, Databases, Operating Systems, Data Mining, Computational Methods for Biological Data, Machine Learning, Computer Graphics, User Interface Design, Software Development Management, Entrepreneurship, Cognitive Science, Psychology, Microeconomics.

Technical Skills: Java, Spring, Python, JavaScript, React.js, Three.js, Swift, MATLAB, C, Git, R, SQL, AWS

EXPERIENCE

EBAY

San Jose, CA

Software Engineer

February 2018 — Current

- Active contributor in eBay Managed Payments Platform. Integrated Adyen payment APIs like authorize, capture, void and refund.
- Developed seller account management system and integrated with Adyen Market Pay APIs to manage seller accounts for identity, KYC and payouts.

LABATT

San Antonio, TX

Software Engineering Intern

June — August 2017

- Built a web application to streamline and scale pricing negotiations between Labatt and its external vendors.
- Led all aspects of the software development process including translating business practices into user stories, conducting usability tests, data modeling, UI/UX design and the launching of an internal REST API.

HOLMES LABORATORY

New Haven, CT

Research Fellow

May — July 2016

- Investigated gene expression trends across the human lifespan, performing RNA-Seq analysis on developing human brain datasets.
- Applied custom clustering algorithms to identify genes with correlated expressions patterns throughout development.

ACTIVITIES

YALE AEROSPACE ASSOCIATION

September 2014 — May 2016

Software Team Leader

- Led the construction of an automated optical telescope for the largest STEM student organization on campus.
- Managed the development of the embedded software used to control the telescope.

YALE COMPUTER GRAPHICS LABORATORY

August 2016 — December 2017

Research Assistant

- Worked on multiple web graphics projects using technologies such as WebGL, VR and AR frameworks.
- Built a 360 Panorama Viewer and developed a website for Project Anqa, a cultural heritage initiative aiming to digitally preserve endangered sites in Syria.

YALE STUDENT TECHNOLOGY COLLABORATIVE

August 2014 — December 2017

Student Tech

- Provided technical support for students and faculty on website design projects, hardware repair and audio visual equipment maintenance