NOEL S. RECCHIA
SOFTWARE ENGINEER

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EXPERIENCE

Verizon San Jose, CA
Software Engineer August 2017 - January 2020
- Built and launched a video service single page web application using JavaScript ES6, React, Redux, and Node.js enhancing the Verizon Fios TV platform and saving costs of an estimated $1.5 million per year: https://tv.verizon.com/watch/
- Developed key features and components to deliver linear and video on demand content to tens of thousands of customers.
- Created a functional and interactive Guide TV Listings interface and implemented lazy loading mechanics to reduce load times by ~66%.
- Delivered an upgraded Search feature by determining design changes and delegating the tasks of implementing new APIs, updating state management, and modernizing older components among the team.
- Integrated Movies Anywhere features and flows for the Fios TV Web app in collaboration with team members and Disney engineers.
- Led team efforts to incorporate responsive and accessible web design to support and improve usability for users on multiple devices and platforms.
- Collaborated on the feasibility and development of product team's designs and requirements for an updated UX/UI to align the Fios TV Web app with the latest look and feel across all Fios TV products.
- Resolved high-priority issues and tickets to improve the web application utilizing customer-driven feedback and product managed trials.

San Jose, CA
Software Engineering Intern June 2016 - August 2016
- Aided the account services team in building the next generation of television and video services on an Internet Protocol television (IPTV) platform.
- Integrated and deployed Swagger framework on web microservices for automated REST API documentation and interactive API testing.
- Presented the project and its impact to technical and non-technical audiences.

UMass Amherst Information Technology Amherst, MA
Computer Classrooms Assistant / Staffroom Consultant / Technical Consultant / Tech Crew January 2014 - May 2017
- Provided technical assistance to students and faculty in computer classrooms on campus.
- Maintained and ran the staffroom as the center of operations for IT Computer Classrooms.
- Troubleshooted computers, projectors, and scanners with outstanding issues.
- Assisted with a team that imaged and installed new computers in computer classrooms.

EDUCATION

University of Massachusetts Amherst
B.S. Computer Science 2017
GPA: 3.59 - Dean's List 5 semesters
Graduated Commonwealth Honors College Scholar with Distinction - Multidisciplinary Honors
Honors Thesis - Atrocities in the Pacific: A Closer Look at Japan's Biological Weapons Program
Relevant Courses - Web Programming, Software Engineering, Algorithms, Operating Systems, Computer Graphics, Data Management, Artificial Intelligence, Security, Networking, Data Visualization

SKILLS

Languages: JavaScript, HTML5, CSS, SQL, Scala
Databases: MySQL, PostgreSQL
Frameworks, Platforms, Tools: React, Redux, Git, Node.js, Play, Swagger, D3.js, Postman

PROJECTS

IMDb Interactive Data Visualization
Exploring Popularity, Gross, Score, and Ratings in Movies: An IMDb Interactive Data Visualization
- An interactive data visualization project built with D3.js, Dc.js, and Crossfilter for a mixed graduate and undergraduate data visualization course.

U-Food
- A web application for campus dining commons developed by a small team of six students.
- Designed with Node.js, Express, PostgreSQL, HTML, CSS, and Handlebars.
- Utilized user account functionality and featured a user review system for each dining commons page.

AWARDS

Verizon - Certificate of Excellence February 2019
Recognized by management for my extraordinary effort and contributions to the design, development, and launch of Fios TV Web application.

Boy Scouts of America - Eagle Scout July 2013
Eagle Scout Leadership Service Project
- Proposed, directed, and organized a catalog of U.S. veteran graves for two cemeteries in Scituate, MA.
- Led town citizens and fellow scouts to record graves for an online, searchable catalog.