Maximilian Royal-Eisenberg
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OBJECTIVE: Seeking a position as a Full Stack Developer that will utilize my skills and experience while fostering my passion for creating and improving innovative software.

TECHNICAL SKILLS: HTML5, CSS3, JavaScript ES6+, NoSQL, MySQL, MongoDB, Express.js, ReactJS, Node.js, jQuery, Redux, Bootstrap, GitHub

PROJECTS:

Star Gazer | github.com/maxr-e/star-grazers | ancient-ravine-85592.herokuapp.com
- Leader, Back end
- Utilize MERN stack to deliver an app that lets users join a community to explore the night sky.
- Led team with creation of a scalable responsive React app that utilizes user location and time input to generate sky chart and moon phase data with 3rd Party APIs and deliver a social media community where posts can be created and commented on utilizing queries and mutations, with authentication by JWT. GraphQL with a Node.js and Express.js server was used to facilitate the mongoDB and Mongoose ODM database.

Rate my Cow/Giraffe | github.com/maxr-e/group-6-not-null | polar-temple-53244.herokuapp.com
- Creative source, Front end designer
- Demonstrate skill with Node.js and Express.js to create a RESTful API page that allows bovid and giraffid aficionados post images and comment on posts.
- Spearheaded wireframe layout, designed community page using Handlebars.js and guided front end motifs with Bulma CSS. Created seed data with MySQL and Sequelize ORM.

EXPERIENCE:

Water System Inspector II	**2019- Present**
East Bay Municipal Utility District	**Oakland, CA**

- Investigate abnormal system operation and collaborate across several departments while maintaining high attention to details to resolve.
- Volunteered for and authored an SOP with technical programming instructions for a new chemical pumping plant for a +50MG drinking water reservoir.
- Perform field visits to customers with water quality concerns, and deliver exceptional service by solving issues with leveraging intra-departmental and agency connections.

Meter Reader/Mechanic	**2018- 2019**
East Bay Municipal Utility District	**Oakland, CA**

- Transcribed accurately large amounts of meter data.
- Interfaced with and educated customers of diverse demographics on water consumption, conservation techniques.
- Recognized by many consumers for exceptional customer service

Water Conservation Technician   **2017- 2018**
City of Concord, NH   **Concord, NH**

- Developed water conservation programs while coordinating administration with customers and departmental staff
- Presented water conservation information, organize exhibits for schools, expositions and community events.
- Identified a 200gpm legacy leak saving 2% unaccounted-for water waste.

Water Treatment Service Technician   **2016- 2017**
Secondwind Water Systems   **Manchester, NH**

- Programmed, troubleshooted, designed and serviced dozens of water systems scaled up to municipal level.
- Educated customers on hydrological system management
- Maintained server coolant water treatment equipment for Fidelity Investments Data Center in Merrimack, NH and the potable systems for the Towns of Epping, Raymond, and Bow, NH.

Marine Science Instructor   **2015- 2016**
Marine Science Institute   **Redwood City, CA**

- Educated dozens of K-12 and college classes in remote data collection with programmable robotics, hydrology, ecology and GIS.
- Led pupils on expeditions in San Francisco Bay building confidence and collaborative spirit.

EDUCATION:

- Certificate in Full Stack Web Development, UC Berkeley Extension, EdX, 2023
- Bachelor of Science in Biology, California State University, East Bay, 03/2011.