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|  | Ricardo A. Beas  14 Durham Ct, Amherst NY 14228 | ricardoandrebeas@gmail.com | 631-525-1057 | rbeas.com | |
| Education | **Alfred State University of New York College of Technology**Alfred, NYBachelor of Technology - Information Technology: Web Development (May 2016)Minor in Information Technology: Applications Software Development (May 2016)Associate in Science - Computer Science (December 2014) **GPA:** 3.84 out of a scale of 4.0 Dean’s List Fall 2013 through May 2016**Bay Shore High School**Bay Shore, NYAdvanced Regents Diploma with Honors (June 2013) | |
| Skills & Abilities | **Experienced**:  JavaScript, Ember, HTML, SASS, CSS, JQuery, Docker, Angular, AngularJS, NodeJS, GIT, TFS, Foundation, Bootstrap, PHP, Laravel PHP, C#, AJAX, ASP.NET, Polymer, SQL, Postgres, MYSQL, MariaDB, MongoDB, Database Design and Architecture, Core Software Design Principles, Object Oriented Programming, MVC, Rapid Prototyping, Responsive Web Design, Cross-Browser Development, Agile Development, and Management.  **Exposure**:  Java, C++, Python, Oracle, SQL Server, Android Development, and WordPress.  **Operating Systems**:  Exposed and familiar with troubleshooting and maneuvering around Linux, MacOS, Windows 10, Windows 8.1, Windows 8, Windows 7, and all versions of Android.  **Hardware**:  Experienced with traditional and forthcoming PC hardware assembly and troubleshooting. Successfully constructed several systems for personal and client use in a timely and professional manner. | |
| Related Experience | **Front End Software Engineer II** TROVE Predictive Data Science04/2018 – Present**Front End Software Engineer** TROVE Predictive Data Science07/2016 – 04/2018TROVE Predictive Data Science, 640 Ellicott St, Buffalo, NY 14203  * Designed and implemented modules using tools such as Figma and Sketch for the TROVE Predictive Data Science Platform with an emphasis on the meaningful presentation of time series, relational, and aggregate data. * Co-led and maintained existing architecture efforts for the Front-End Ember addon suite. * Contributed and managed end to end testing, packaging, and deployment efforts of the platform under a micro-service architecture using Ember best practices and a variety of community endorsed addons. * Continuously collaborated directly with clients in designing optional modules integrated into the TROVE Platform.  **Software Engineer Intern** Telenotes inc.01/2016 – 06/2016Telenotes Inc, Taylorsville, UT 84123  * Designed product solutions to modernize and reinvent the Telenotes CRM platform to adhere to modern web standards and design trends. * Led and architected majority of Front End Development efforts in collaboration with local and remote Software Engineering team. * Aided in hiring process, providing input on priorities for new additions in engineering team. | |
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| Career Projects | **TROVE Compatible Units**  Accomplished in building an Ember application to reconsolidate and organize a series of disjointed Access systems for a TROVE client. Application allows for the visualization, filtering, and exporting of customer data in a map interface as well as in traditional data tables. In addition, the application includes project management flows tying back into the normalized customer data on project closeout. Project involved an intense development cycle including but not limited to constant client feedback and interaction, storyboarding, wire framing, and internal feedback. **TROVE CSV Scanner**  Successfully developed **the TROVE CSV upload configuration, validation, and file auditing web application. Application makes use of web sockets to deliver an asynchronous file upload and file processing flow. The web application was built into the existing Ember based platform, packaged and delivered along with the Data Catalog Browser as one of the many applications under the TROVE platform umbrella.** **TROVE Data Catalog Browser**  **Participated in developing a catalog style viewer for TROVE platform data attribute exploration and discovery. User interface made use of a card style layout to display attribute information and accompanying charts for attribute statistics. The application was developed with performance and scalability in mind, making use of virtual scrolling and dynamic rendering to potentially render an infinite number of cards without causing any extraneous load on the browser.** **TROVE Integrated Load Management**  **Led Front End development efforts in executing the first phase of a visualization and exploration tool for utility electrical load forecasting. Project built into existing Ember based platform, making use of the Ember Paper component library, highcharts, and D3 for dynamic and interactive components to visualize electrical grid node information.** **Telenotes Sales Application** **Accomplished in implementing a Sales and Commissions utility in AngularJS. The application made use of the Angular Material framework, PlotlyJS, and jQuery Data Tables for data visualization and collation. In addition, developed an Excel import utility with the use of SheetJS’ XLSX library to read and map columns in an Excel document to normalized data structures living in existing platform. Product was showcased at company trade show and set to release to beta within the next two sprints.** **Telenotes Mapping Application** **Developed an AngularJS application making use of the Google Maps API, Angular Material, and a variety of different Angular Directives in an effort to meet client demands for a mapping utility within the CRM platform. Project scope required the use of multiple Google Maps libraries including but not limited to geometry and visualization. Addresses were geocoded and visualized on a map in accordance to user-defined groupings such as colors through the use of dynamically rendered SVG Pins.** **Car Rental Application** Executed a mock car rental service using Laravel PHP and Materialize. Application features included user registration and authentication, the rental and return of cars, and the record keeping of each user transaction. **Pizza Order Configuration and Logging System** Successfully developed an ASP.NET pizza ordering system in conjunction with the MongoDB driver within a two-week time frame. Application underwent a full development lifecycle encompassing scope analysis, database design, and application flow design and prototyping. **AJAX Polymer Gallery** Developed a gallery application showcasing a proficient understanding of AJAX client interaction and JSON structure serialization. Gallery Application makes use of the Polymer 1.0 framework to provide a CRUD system. **Alfred Menus** Participated in the development process of a web application that coalesced and dynamically served information about restaurants in Alfred. | |
| Accolades | **All-American Scholarship**Awarded 8/2013**Fundación Hispanoamericana Scholarship of Academic Achievement**Awarded 8/2013 Ricardo A. Beas  14 Durham Ct, Amherst NY 14228 | ricardoandrebeas@gmail.com | 631-525-1057 | rbeas.com | |
| OtherExperience | **Student Employee** Auxiliary Campus Enterprises and Services, Inc. (ACES)8/2013 – 12/2015Central Dining Hall, Alfred, NY 14802**Residential Assistant** Residential Life8/2014 – 12/2015Mackenzie East, Alfred, NY 14802 Residential Assistant in the Mackenzie East building. Position involved actively mediating, facilitating, and communicating with 20+ residents. **Production Line Employee** ViaTech6/2014 – 8/2014Viatech Publishing Solutions, Bay Shore, NY 11706 Position included actively working in production, assembly, and distribution areas. | |
| References | **Evan G. Enke**, Assistant ProfessorAlfred State University of New York College of Technology 607-587-3419 **John C. Burke**, Assistant ProfessorAlfred State University of New York College of Technology 607-587-3432 **Cindy Harrison**, Senior ManagerAuxiliary Campus Enterprises and Services, Inc. (ACES) 607-587-4067 |