

Skills	<p><b>Languages &amp; Libraries</b></p> <ul style="list-style-type: none"> <li>• Java, Python, HTML, CSS, Javascript, PHP, React.js, Node.js, Express.js, jQuery, Angular2, MongoDB, MySQL</li> </ul>
Experience	<p><b>Frontend Developer, Euclid's Library; Rochester, NY - Jan 2018 - Present</b></p> <ul style="list-style-type: none"> <li>• Founder of start up based out of University of Rochester. Brought on board as a part-time hire, but offered position as founder after completing month long task in a single week.</li> <li>• Built Node.js REST API's with Express to allow easier collaboration between front and back end developers.</li> <li>• Implemented various features, ranging from simple DOM manipulation, styling, to creating dynamics UI features that responds based on stored data.</li> <li>* Refactored legacy code and established a stricter variable and element naming protocol to cut down development time.</li> <li>• Designed plan and process to rewrite application using React.js to improve performance, responsiveness, and reduce potential technical debt.</li> </ul> <p><b>Full Stack Developer, Start Up; Houston, Texas – Aug 2017 - Jan 2018</b></p> <ul style="list-style-type: none"> <li>• Part of 2 man development team of start up company based in California. Designed and implemented a niche social networking web application from ground up.</li> <li>• Established a relational database using MySQL, and diagramed original schema and relations to comply with needs before implementing said database.</li> <li>• Transitioned architecture of application to adhere to MVC standards in order to better organize code and to cut down ambiguity and future development times.</li> <li>• Built RESTful API using PHP and MySQL.</li> <li>• Implemented AJAX features via jQuery in all necessary environments.</li> </ul> <p><b>Intern, Fangyuan Qizheng; Beijing, China – Summer 2017</b></p> <ul style="list-style-type: none"> <li>• Using the WebCollector library, implemented a data crawler java application that visited a designated URL, parsed all articles in form of strings and image URLs, and outputted to a text file while also populating a MySQL database on a temporary local WAMP server.</li> <li>• With PHP, JavaScript, HTML, and CSS, created website that utilized a keyword search function that returned articles with matching keywords in title or body via AJAX jQuery callbacks.</li> <li>• Implemented interactive map via Baidu map API on company homepage, fixed UI consistency issues, and corrected translational errors.</li> </ul>
Education	<p><b>University of Rochester; Rochester, NY – BA in Computer Science, Summer 2018</b></p> <ul style="list-style-type: none"> <li>• Concentration in Human Computer Interaction</li> <li>• Clusters in Psychology, and Music</li> </ul>
Projects	<p><b>PARK – Rochester Human Computer Interaction Project</b></p> <ul style="list-style-type: none"> <li>• Full-stack developer and UI Designer for the Parkinson's Analysis with Remotely-accessed Knowledge application.</li> <li>• After collecting user feedback via patient and user interactions from Strong Memorial Hospital and surrounding pertinent population, designed and implemented ideal frontend interface via multiple prototype and revision cycles.</li> <li>• Established a basic MySQL database, accessed with PHP, to store user accounts and data, which are displayed on web application.</li> <li>• Videos of patients doing assigned tasks are recorded, then fed through a Python machine vision script, which then renders a graph that reflects the patient's performance.</li> <li>• Information and demo video for this project can be found here: <a href="https://sites.google.com/view/parkprojecthcfall2017/home">https://sites.google.com/view/parkprojecthcfall2017/home</a> or <a href="https://goo.gl/MZBbV7">https://goo.gl/MZBbV7</a></li> </ul> <p><b>“Whatever” – iOS Application</b></p> <ul style="list-style-type: none"> <li>• Mobile application coded on Xcode in Swift 4 that seeks to alleviate the dilemma of deciding where to eat with a significant other.</li> <li>• Consists of 2 major sections: a matchmaking game, and a favorites list.</li> <li>• The the matchmaking game uses multiple segued views to narrow down possible choices between the user and their partner. The favorites list is a customizable table view that allows editing and sorting by restaurant type.</li> </ul> <p><b>Bytes – Web Development Project</b></p> <ul style="list-style-type: none"> <li>• Developer and lead in team of 4 worked to implement an application that achieves the functionality of GitHub and LinkedIn combined. The application seeks to connect developers on the market to recruiters, and provide a simple and effective glance at previous projects and code committed.</li> <li>• First exposure to the MEAN stack, worked to implement the search feature and profile pages.</li> </ul>
Patents	<p><b>Dual Gamma Photon Imager</b></p> <ul style="list-style-type: none"> <li>• Patent Number: 20546313.2</li> <li>• Country: China</li> <li>• Role: Co-inventor of the Dual Gamma Photon Imager</li> </ul>
Volunteering	<p><b>University of Rochester Medical Emergency Response Team—2013-2017</b></p> <ul style="list-style-type: none"> <li>• Volunteered on campus as certified NYS EMT-B member.</li> <li>• Treated overdose, intoxication, medical, and trauma patients.</li> <li>• Over 500 hours of active service.</li> </ul>