

Software Developer Intern Software Developer Intern Software Developer Intern La Jolla, CA Work Experience Software Developer Intern MK Decision June 2019 to July 2019 Enhanced a Donation's portal with a dynamic user form using a donor's personal bank information utilizing Gatsby.js, Formik and Yup (form validation) to build the ReactJS form and implementing the stripes API to validate and process credit card information. Developed a Donations portal utilizing the Moqui ecosystem, build in Java and Groovy in 2 weeks. Moqui is an ERP(Enterprise Resource Planning) that establishes and connects user data by relating best business data modeling techniques. Web Developer Intern Boxmaeker, LLC February 2019 to April 2019 Lead developer for a real-time dashboard utilizing ReactJS to create protected routes for authorized users, and the Material- UI library. Users view data passed from a Raspberry Pi attached to weight scales. This project increased understanding of Boxmaeker's primary goal of creating software for industry level weight scales, an IOT (Internet of Things) application. Established Google Firebase database utilizing React components, granting access to secured authenticated and authorized users by updating Firebase rules. Transferred Python code written for the Raspberry Pi, single board computer, to ReactJS front-end. Transformed all the Python functions measuring weight scale parameters to JavaScript to display the data on the dashboard. Research Associate I La Jolla Pharmaceutical Company June 2018 to October 2018 Supported early-stage development and characterization of oral dosage formulations. Characterized peptide stability in varying tablet formulations by RP-uHPLC methodology. Performed tablet Content Uniformity, Dissolution Apparatus I & II assays according to USP guidelines. Scientific Associate Vertex Pharmaceuticals February 2017 to May 2018 Characterized aspects of solid forms for drug substances, starting materials, and intermediates. Performed physical characterization assays to assess solid form of drug substances by DSC, TGA, PXRD, Particle Size. Manufactured lab bench quantities of drug substances to amorphous stable state via spray dry with 82% yield. Research Associate I Takeda Pharmaceuticals January 2015 to February 2017 Facilitated in transitioning existing protein management database to a new web-based inventory application. Managed protein inventory of in-house production by aliquoting, freezing, registering, and coordinating shipments to multiple parties within and outside Takeda. Performed

quality assessment and in-depth characterization for in-house protein production for early stage research programs using Agilent SEC and LC/MS, Wyatt MALS, and Uvikon UV-Vis instrumentation. Data summarized in CofA. Education ReactJS, and Ruby on Rails LEARN Academy February 2019 BS in Biochemistry in Biochemistry University of California - San Diego, CA June 2014 Skills Visual studio, Html, Javascript, Bootstrap, Reactjs, Json, Python, Ruby, Rails, Xml, Postgresql, jquery, Css, Ui, Frameworks, Authentication, Instrumentation, Hplc, Dsc Links <http://github.com/jacorea> <https://jacorea-portfolio.herokuapp.com/> Additional Information SKILLS Languages: JavaScript (ES6), HTML & CSS, Ruby, Python, jQuery, JSON, XML Frameworks: ReactJS, Rails, Moqui Libraries: Moment, Re-chart, Materialize-CSS, Material-UI, Bootstrap Additional Software: Atom, Visual Studio Code (VSC), PostgreSQL, PGAdmin, Keybase, Authy (2 step authentication) Lab Instrumentation: Tecan, DSC, HPLC(Agilent & Shimadzu), TA Instruments(DSC, TGA), Mettler Toledo Scales

Name: John Perez

Email: pwheeler@example.org

Phone: 445.341.5552