

Bernardo Arevalo

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Education

- University of California, San Diego La Jolla, CA
Bachelor of Science in Bioengineering : Bioinformatics Winter 2015

Skills

- **Languages Utilized:** Scala, Java, Typescript, Node, Javascript, PHP, CSS, Ruby, Python, Matlab
- **Technologies:** Play Framework, Angular 2, AngularJS, Sails, Express, RoR, Django, Git, mySql, jQuery, MongoDB
- **Miscellaneous:** Functional Programming, Unit Testing, End to End Testing, Debugging/Troubleshooting, Object Oriented Design, Web Development

Work Experience

- **Livongo Health** June 2015 - Present
BackEnd & QE Engineer
 - *Backend*
 - Supported and developed Platform APIs written in Scala as well as .NET APIs
 - Built Scala based web services to integrate with partners
 - Lead partner data integrations with third party companies.
 - *QE*
 - Supported Quality Engineering in developing and maintaining API Tests
- **Livongo Health** Feb 2015 - June 2015
Full-Stack Intern Engineer
 - *Front End*
 - Tested Django, [RoR](#), [Sails](#) and AngularJS for means of building an Admin Portal
 - Used AngularJS to construct an Admin Portal that pulled resources from internal platform APIs
 - *Back End*
 - Contributed to building new and maintaining current RESTful APIs and quartz scheduled services on existing internal platform APIs in [Scala](#).
- **Dexcom** Dec 2014 - Jan 2015
Software Test Engineer Intern, V&V Group
 - Used Junit to test functionality of upcoming cgm
 - Wrote validation and verification reports on tools used for testing
 - Corrected and maintained test scripts
- **Nanoengineering Department, UCSD** Mar 2014 - Dec 2014
Undergraduate Software Developer
 - Utilized Golang, JQuery, PHP, and a mySQL database to develop software for stereolithographic 3d bio-printer
 - Managed and implemented hardware code of serial, USB, and GPIB devices

- **Scripps Research Institute** Aug 2013 - Mar 2014
Support Intern
 - Utilized PHP, JQuery, and AngularJS for analytics on Metlin server
 - Created a login system via PHP to hold saved searches for users
- **CSE Department, UCSD** Aug 2013 - Jun 2014
CSE Tutor
 - Tutored students during labs and held office hours on a weekly basis
 - Taught HTML and Javascript concepts (CSE3) as well as Matlab (CSE7)

Individual Projects

- **Glufit**
 Angular 2 Typescript Project + SailsJS Node Backend
 - Personal Fitbit + Livongo Data Visualizations utilizing a Angular 2 Typescript project hosted on a github.io page with a SailsJS backend, used for making web requests out to Livongo and Fitbit, hosted on heroku with a Redis session store
- **Weekend Adventures Blog**
 Angular 2 Typescript Project
 - Built Angular 2 Typescript responsive first site to host blog of weekend adventures.
- **Diaweb**
 Diabetes Analysis Webapp
 - Used glucose readings from a [Dexcom G4 CGM](#) to build glucose dynamic profiles of users utilizing PHP, JQuery, and a mySQL database
- **Medassist**
 Medical Records Webapp
 - Patient side app where patients upload and share medical records with doctors implemented with PHP, JQuery, and a MongoDB database