

# 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

- **Weekend Adventures Blog**  
 Angular 2 Typescript Project
  - Built Angular 2 Typescript responsive first site to host blog of personal 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