

Kevin Arifin

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EDUCATION

University of California, Berkeley

Electrical Engineering and Computer Sciences, B.S.

August 2014 – December 2017

3.8 GPA

Relevant Coursework: Discrete Math and Probability Theory, Machine Structures, Data Structures, Electricity/Magnetism, Mechanics, Multivariable Calculus, Linear Algebra, Differential Equations, Artificial Intelligence, Algorithms/Intractable Problems, Information Devices and Systems

Bellarmine College Preparatory, San Jose

August 2010 – May 2014

4.00 Unweighted GPA, 4.6 Weighted GPA

EXPERIENCE

Ra Power Management – *Software Engineer Intern*

June 2015 – Present

- Contributions in all parts of the codebase to develop a solar asset management platform. Part of the project team since the start of development.
- Software takes over three thousand solar contracts and generates income streams through twenty years, and then takes discounted cash flows to assess potential risk and asset potential.
- Mentored in agile programming practices and simple design patterns in Ruby on Rails.

Eta Kappa Nu (EECS Honor Society) – *Computing Services Officer*

December 2015 – Present

- Run and maintain the Rails website and other computing resources
- Currently refactoring and adding complete test coverage to the site

PROJECTS

Halfway – *Mobile hybrid app aimed to streamline and randomize the way people plan events with friends*

- Developed backend API in Rails to allow for user profile integration and security as well as ability to connect with other users and save event history.
 - Tied to an Ionic Framework frontend to leverage my knowledge of web technologies.
 - 100% test coverage on both the frontend and backend using RSpec and Jasmine.
- Check out the live Halfway demo at demo.halfway.tech
username: halfway_demo, password: halfwaythere

Visit <https://github.com/kevarifin14> for more of my personal projects.

COMMUNITY SERVICE

Berkeley Engineers and Mentors — *Fall 2014–Present*

- Inspired young students' love for science by leading them through experiments
- Developed leadership and team building skills through weekly workshops

CS61B Lab Assistant — *Summer 2015–Present*

Languages

Ruby, C, Java, Python,
Swift, Javascript, MIPS

Frameworks

Ruby on Rails, Ionic,
AngularJS, Jekyll

Technologies

Redis, S3, Heroku,
Cordova, HighCharts

Methodologies

Test driven
development, agile
software development,
extreme programming

Honors and Awards

Cal Alumni Association
Leadership Scholar

Tau Beta Pi, California
Alpha Chapter –
Engineering Honor
Society

Eta Kappa Nu, Mu
Chapter – Electrical
Engineering and
Computer Science
Honor Society

Activities/Interests

Guitar, piano, dance,
basketball, bodyweight
training, fruit, travel

References

Clay Shentrup – VP of
Engineering at Able
Health. *Contact
information available
upon request.*