Eric M. Abbott

2485 Shoreline Dr. #222
Alameda, CA 94501
ericabbott1@gmail.com
(916)502-2556

OBJECTIVE

A position in the field of mechanical engineering, software development, or ideally, one that combines the two.

EDUCATION

Bachelor of Science, Mechanical Engineering
University of California, Berkeley
June, 2004

COMPUTER SKILLS

Languages & Software: Objective-C, C, Python, PHP, HTML, CSS, XCode, Photoshop, Solidworks, AutoCAD, MATLAB, 3D Studio Max, Word, Excel, Powerpoint
Operating Systems: OSX, Windows, Linux (Ubuntu).

WORK EXPERIENCE

Mechanical Design Engineer Jun 2008-Present
DiCon Fiberoptics Inc,
MEMS/Telecom Group

- Led the design and development of a small-package 1x32 fiberoptic switch.
- Took charge of housing hermeticity efforts and improved product stability/reliability for a wide range of optical switches and filters.
- Worked on a team to develop a 3D 16x16 MEMS optical switch.
  - Designed and built a hermetic MEMS array housing for our optical MEMS components.
  - Designed and built a high-precision mainframe for optical alignment and stability.

Founder, Programmer 2010-Present
Appott Apps (www.appott.com),

- Self-developed 3 iOS apps that were released in the app store:
  - *Sink Your Friends (www.appott.com/sinkfriends)*
    - A battleship game with asyncronous multiplayer for iPhone
    - Designed and programmed server-side resources (LAMP stack) to manage user accounts, ads, analytics, and games.
    - Designed and programmed a client-side interface for users to create accounts, log in and out, and initiate games through the app or Facebook.
  - *US Tax Receipt*
    - A utility for iPhone that takes (or calculates) your tax responsibility and provides a user-friendly interface to exactly how much goes to which departments of government.
    - Uses location services to determine device location and a 3rd party API to present the names and contact information of their senators and representative.
  - *Candy Counter*
    - A utility for estimating the number of candies in a jar or other container.