25461 Neptune Drive
Dana Point, CA 92629

Michael James Gates
logicgates.me

(949) 212-9787
mjgates@ucsc.edu

Employment

Software Engineer, Intern	**Panasonic Avionics Corporation**	**Summer 2012**

- Designed a user interface for the inflight entertainment system used by Fiji Airlines.
- Accurately detected and worked to fix bugs in software that was shipping for United Airlines.
- Trained new interns with the skills developed over the course of the internship.

Independent Contractor	**Freelance Web Design**	**Spring 2011 - Present**

- Establish quality web experiences through close communication with clients.
- Develop solutions using technical standards that integrate with content management systems.

Senior Certified Technician	**Staples Inc.**	**Summer 2011 - Summer 2013**

- Manage a team of computer technicians and train new hires in Windows workstation administration.
- Provide excellent technical customer support in store, in home, and over the phone.

Technical Experience

Projects:

- **DailEQs (Fall 2015)**: A pebble smartwatch math game; imagined and completed by a team of four UCSC students in less than 36 hours at HackingEdu 2015. Built with an algorithm that generates random equations and multiple choice answers, this application was designed to motivate users to practice their arithmetic daily.
- **Simple Computer Emulator (Fall 2014):** Final project for the first semester of Computer Org. and Assembly Lang. A learning tool that demonstrates the fetch, decode, execute cycle and how to utilize a basic instruction set.

Additional Experience and Awards

- **Runner up, Best Pebble Hack (Fall 2015):** The application DailEQs earned our team runner up for "Best Pebble Hack" judged by Pebble Employees at HackingEdu.
- **Competitor, ACM ICPC (Fall 2014):** Recognized as the Community College team who solved a pragmatic programming problem in the least amount of time.

Languages and Technologies

- Platforms: Windows and Linux System Administration (workstation and server); Unix; Mac OSX; Android.
- Languages: C++; Java; Assembly; Javascript; HTML/CSS; PHP; C; Python.
- Tools: Adobe Creative Suite; Matlab.

Education

University of California Santa, Cruz	**Santa Cruz, CA**	**Fall 2015 - June 2017**
B.A. in Computer Science Minor: Linguistics	Expected Graduation: June 2017	Transfer G.P.A. 3.6

- **Undergraduate Coursework:** Discrete Math; Intro to Data Structures; Assembly Language, Logical Semantics.
- **Planned Completion by Summer 2016:** Abstract Data Types; Comp. Architecture; Compiler Design; Comparative Programing Languages; Technical Writing; Upper Division Linguistic Syntax Course.