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Andrew Michael Schmitt

EDUCATION

8/23/2012-present **University of California Berkeley** Berkeley, California

- Graduation Date: Spring 2016 • Computer Science Major • GPA: 3.479

TECHNICAL SKILLS AND PROJECTS

Programing Languages:

- | | | | |
|----------|-------|--------------|---------------|
| • Python | • C | • Javascript | • Html/CSS |
| • Java | • C++ | • SOQL | • Swift/Obj-C |

Web Libraries/Frameworks/Build Tools:

- | | | | | |
|----------|------|-----------|---------|--------|
| • JQuery | • D3 | • Angular | • React | • Gulp |
|----------|------|-----------|---------|--------|

Mobile:

- | | | |
|-------|-------------------------|--|
| • iOS | • Salesforce Mobile SDK | • Alamofire HTTP Request Library (Swift) |
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Notable School and Personal Projects (github.com/aaaschmitt):

- CS164 – Compilers (with Paul Hilfinger): Built a python to C++ compiler (team project)
- CS188 - AI: Built an intelligent Pac-man agent
- Graph Algorithms Visualization: aaaschmitt.github.io/Visual_Graph_Algorithms/
- Quantum Physics Simulation: aaaschmitt.github.io/The_Bloch_Sphere/

WORK EXPERIENCE

6/1/2015-8/7/2015 **Software Development Intern, Capital One Bank, San Francisco**

- Constructed features for websites and web apps
- Built interactive visualizations of datasets
- Worked with Salesforce Database (SOQL) and REST API
- Built an iOS app using Salesforce Database backend
- Used many API's including: Hacker News, Product Hunt, CrunchBase, and Salesforce

8/21/2014-present **Teaching Assistant, Computer Science 10, UC Berkeley**

- Lead discussion and lab sections for 20-30 students
- Responsible for course administration and exam grading
- Main resource for students needing course assistance
- Gave two lectures (~200 person class): Introduction to Python and Final Exam Review
- Developed and built two online labs focusing on Python syntax and data structures

Summer 2013 and 2014 **Barrie Camp Computer and Video Specialist**

- Taught elementary and middle school students video editing and computer science skills