JEAN SUNG

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EDUCATION

Harvey Mudd College (HMC), Claremont, CA **Expected May 2016**
B.S. Computer Science - Major GPA: 3.5

SELECTED COURSEWORK

Algorithms & Advanced Algorithms | Domain Specific Languages | Software Development
Interaction Design | Artificial Intelligence | Data Structures | Digital Electronics & Comp. Engineering
Linear Algebra & Differential. Eqs. II | Image Processing | Public Speaking | Discrete Mathematics

SKILLS

Languages: Python, Java, C++, MATLAB, C, Objective-C, Go, LaTeX
Tools: Git, SVN, Unix/Command Line, Xcode, Eclipse
Software Development: Agile methods, User Testing, MVC framework, TDD

EXPERIENCE

Software Engineer, Facebook, Seattle, WA **Starting Aug. 2016**
Algorithms Researcher, HMC **May 2016 - Aug. 2016**
Project Manager, Laserfiche-HMC Clinic **Sept. 2015 - May 2016**
- Building a data warehouse system to handle flexible unstructured data
- Developing trend analysis algorithms to work across different types of data
- Responsible for maintaining scope of project as project manager (Fall Semester)

Software Engineering Intern for Personalization Team, zulily, Seattle WA **May 2015 - Aug. 2015**
- Conducted feasibility research on a price prediction model that resulted in saved company resources
- Designed, implemented, tracked results for several experiments involving novel ways of arranging the site

PROJECTS

Model Driving Creation (`https://github.com/jeansung/DSLResearch`) **Jan. 2016 - May 2016**
- Creating an application to embed simple math models in text documents with an interactive component
- Wrote a wrapper for Tangle JS library to increase usability by non programmers

Sum Plus Plus (`http://jeansung.github.io/SumPlusPlus/`) **Sept. 2014 - Dec. 2014**
- Created a domain specific language to more cleanly express weighed sums with custom constraints
- Designed a translation suite for English rules to Excel formulas

Pipe Dream! (`https://itunes.apple.com/us/app/pipe-dream!/id947630499`) **Sept. 2014 - Dec. 2014**
- Created an educational iPad game to teach middle school students about computer security
- Gained experience in agile development process, teamwork, architecture design and user testing
- Winner of the 2015 Computer Science Dept. Wing Tam Award for Best Software Development Project

EXTRACURRICULARS

Girls Who Code Lead Instructor | Algorithms Grader & Tutor | Rock Climbing | Gymnastics | Hiking