

LUYAO ZHOU

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OBJECTIVE	Summer Internship position in the field of Computer Science	
EDUCATION	<i>Master's in Computer Science</i>	
	University of Virginia, Charlottesville VA	Expected December 2017
	<i>Bachelor's in Electrical Engineering</i>	
	Computer Software Depth Sequence University of California San Diego, La Jolla CA GPA: 3.2/4.0	September 2015
TECHNICAL SKILLS	<i>Programming Languages</i>	
	Java, Python, Lua/Torch, C++, JSP, HTML, CSS, C, PHP, Assembly Language	
	<i>Software Applications</i>	
	Xcode, Android Studio, Visual Studio, Apache Tomcat, Eclipse, Canopy, Github, Matlab	
RELATED COURSES	<i>Database Management</i>	
	SQLite, PostgreSQL, Database SQL Command	
	<i>Applicable Courses at UVA</i>	
	CS 6161 Design and Analysis of Algorithms CS 6316 Machine Learning CS 6501-001 Deep Learning for Computer Graphics CS 6501-003 Computational Visual Recognition	
RELATED EXPERIENCE	<i>Applicable Courses at UCSD</i>	
	Object-Oriented Design and Programming Advanced Data Structures Design and Analysis of Algorithms Server-side Web Applications Computer Architecture	
	<i>Developer: Office/home Activity Analysis Via Visual Recognition</i>	Sept 2016 – Present
	<ul style="list-style-type: none">Analyze time distribution of human activities in office via Machine Learning	
	<i>ECE191 – Senior Design Project</i>	
	Android Development with Mitek Systems	Jan 2015 – Mar 2015
	<ul style="list-style-type: none">Refactored and built MiSnap SDK to support Google GlassBuilt an Android App using Android StudioObtained presentation skills, verbal communication skills, and project management	
	<i>3D Computer Graphics Project</i>	Fall 2015
	<ul style="list-style-type: none">Created a 3D Computer Graphic Project using OpenGL and C++Embedded Rasterization, Culling, Procedural Modeling, Bezier Surfaces, Collision Detection, Particle effects	
	<i>CSE 135 – Analytic Web Application</i>	Spring 2015
	<ul style="list-style-type: none">Created a dynamic online web application using JSP and PostgreSQLSellers can list products and analyze sales, buyers can browse and purchase items	
	<i>CSE 110 – Software Engineering</i>	Fall 2014
	<ul style="list-style-type: none">Implemented a Retail Banking Account Management application using PHPLearned agile software development & Design patternsWorked as different roles such as Business Analyst, Developer, Team Lead, and implement the project through each iteration	
	<i>Software Developer</i>	May 2014 - Oct 2014
	UCSD Software iGEM 2014(link)	
	<ul style="list-style-type: none">Awarded a Gold Medal in iGEM 2014 competitionTaught myself to code in python and manage database using SQLCreated Biology database and normalize tables using its relationsImplemented the search algorithm and traverse the network	
	<i>UCSD CSE21 Tutor</i>	Summer 2014