

Ivy Lei

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Education	University of Illinois at Urbana-Champaign <i>B.S. Statistics and Computer Science, Expected May 2018</i> <ul style="list-style-type: none">Cumulative GPA: 3.42Dean's List Spring 2015	
Coursework	<ul style="list-style-type: none">Data Structures, Systems Programming, Methods of Applied Statistics, Numerical Methods, Computer Architecture, Database Systems (current), Statistical Computing (current), Numerical Methods (current)	
Skills	<ul style="list-style-type: none">C, C++, Python, R, Java, HTML/CSS, SQL	
Experience	ARRIS <ul style="list-style-type: none"><i>Software Development Intern, Full-Time Summer 2016</i>Optimized stack memory utilization by rewriting recursive algorithms into iterative logicTested the revised methods in CMTS desktop simulated systemSubmitted changes that will be implemented large scale for 2,000 modemsLearned Skills: C, ClearCase, Cscope, Rhapsody, Linux/Bash, command line interface to E6000 machine Undergraduate Research Experience in Statistics (URES) <ul style="list-style-type: none"><i>Student Researcher, January - May 2016</i>Wrote python scripts to gather and analyze data registered in extracted features of HathiTrust Digital Library	
Projects	Therapalz – Alzheimer's Team <ul style="list-style-type: none"><i>Team Member, January - December 2015</i>Created a therapeutic device that aids patients with dementia-related disordersBuilt the team website with HTML/CSS: http://therapalz.com/	
Activities	Women in Computer Science (WCS) <ul style="list-style-type: none"><i>Active Member, August 2015 - present</i>Participate in social events and tech talksAttend WCS office hours to ask questions on CS-related topics	
References	Alan Doucette Alan.Doucette@arris.com Senior Director of Software Engineering Supervised ARRIS Internship	Dale Paney Dale.Paney@arris.com Senior Manager of Software Engineering Oversaw ARRIS Project