

# Paris Do

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Education	BS, Computer Science UC San Diego Jacob's School of Engineering	Expected 2017 3.5/4.0 Provost Honors
Coursework	Principles of Operating Systems Database System Principles Programming Languages	Human Computer Interaction Design Advanced Theory of Computability Software Engineering
Proficiencies	<b>Development</b>  JavaScript, HTML5, CSS3, Java, C/C++, SQL, jQuery, Google Analytics, Prototyping, wireframing, Usability Evaluation, A/B Testing	<b>Methodology</b>  Agile development, Scrum, TDD, GitHub Flow
Projects	<b>frank.</b>  UI/UX Designer Continuous  <b>LUMA</b>  Software Architect / UI/UX Designer Spring 2015  <b>Network Planning</b>  Winter 2015  <b>File Compressor</b>  Winter 2015	<ul style="list-style-type: none"><li>- Mobile app where users can exchange fashion advice through an anonymous online forum</li><li>- Designed and developed front-end</li><li>- Worked in a studio to discuss usability heuristics and introduce functionalities</li><li>- <a href="http://www.frank-app.herokuapp.com">www.frank-app.herokuapp.com</a></li><li>- Web app that displays availability of computers in UCSD computer science building</li><li>- Handled high-level design decisions, identified technical solutions, created UML and sequence diagrams</li><li>- Provided leadership and implementation regarding UI design and usability</li><li>- Solved real world network planning problems by mapping them to well-know graph algorithms and implementing data structures, such as union-find, heaps/priority queues (i.e. total transit time between computers, total cost of building the cheapest network)</li><li>- MST: Prim's algorithm, Kruskal's algorithm</li><li>- Shortest Path Problem: Dijkstra's algorithm</li><li>- Implemented the Huffman coding algorithm to compress and decompress a file</li><li>- Utilized efficient supporting data structures (binary tree), and also extended the basic I/O functionality of C++ to include bitwise operations</li></ul>
Activities	<b>Women In Computing</b> 2015 - present  <b>Eve Security</b> 2014 - present	Attend events including technical talks, debates, and discuss the latest news in computer science and engineering  Attend workshops regarding the security of breaking and fixing things