

# PARAM BIDJA

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EDUCATION	<b>Honors Bachelor of Science in Engineering:</b> University of Connecticut, Computer Science & Engineering, Mathematics Minor, 2015 – 2019, <b>GPA: 4.0/4.0</b>	Sept 2015 - May 2019
	<b>Relevant Courses:</b> Object-Oriented Programming, Data Structures, Discrete Systems, Software Engineering, Algorithms & Complexity, Systems Programming, Circuits I, Computer Architecture	
EXPERIENCE	<b>J.P. Morgan Chase   Summer Technology Analyst</b>	June 2017 – Aug 2017
	<ul style="list-style-type: none"><li>• Developed intelligent UI &amp; micro-services (in Java, Node.js, and Python) to automate Chase Digital's QA process. Full-stack &amp; Agile development.</li><li>• Automated Chase Digital's QA process by developing historical/pattern-based analysis tools for automated builds.</li></ul>	
	<b>Yale University   Software Engineering Intern</b>	June 2016 – Aug 2016
	<ul style="list-style-type: none"><li>• Developed front-end and search enhancements to Yale University's Campus Map utilizing JavaScript, jQuery, &amp; CartoDB.</li><li>• Designed and developed Amazon S3 file transfer client with single-sign on through SAML login using Python, PHP, and JavaScript (Dropzone.js).</li><li>• Created dynamic website for Yale University School of Music with live calendar and social media updates.</li><li>• Developed Yale University Apple Watch application for Yale Transportation using Apple's Xcode and Swift.</li></ul>	
	<b>Laboratory of Machine Learning and Health Informatics   Undergraduate Researcher</b>	Jan 2017 – present
	<ul style="list-style-type: none"><li>• Develop machine learning based projects with Dr. Jinbo Bi (Department of Computer Science &amp; Engineering).</li><li>• Project 1 (completed): analyzed &amp; built a visualization tool for a variation of Google DeepMind's AlphaGo algorithm known as AlphaToe.</li><li>• Project 2 (in progress): building a desktop and mobile image classifier using transferred learning and convolution neural nets (in progress).</li></ul>	
PROJECTS	<b>University of Connecticut   Computer Science &amp; Engineering Teaching Assistant</b>	Jan 2017 – present
	<ul style="list-style-type: none"><li>• Instruct labs and mentor students through problem-solving &amp; exam review sessions.</li><li>• Spring 2017, Fall 2017: CSE 2050 (Data Structures and Object-Oriented Design)</li></ul>	
	<b>University of Connecticut Transportation Mobile App</b>	Jan 2017 – present
	<ul style="list-style-type: none"><li>• Developing Android application for UConn bus system with three other UConn students</li></ul>	
	<b>Image Classifier</b>	Sept 2017 – present
	<ul style="list-style-type: none"><li>• Developing desktop &amp; mobile application for image classification using transferred learning</li></ul>	
SKILLS	<b>EpiPing</b>	March 2017
	<ul style="list-style-type: none"><li>• Designed and built a smart EpiPen using a Raspberry Pi which sends emergency alerts &amp; location to medical personnel when using an EpiPen.</li></ul>	
	<b>AlphaToe Modeling</b>	Feb 2017 – April 2017
	<ul style="list-style-type: none"><li>• Built graphical modeling for open-source machine learning project known as AlphaToe</li></ul>	
HONORS & AWARDS	<b>Programming</b>	
	<ul style="list-style-type: none"><li>• Proficient: Python, Java, JavaScript</li><li>• Familiar: Bash, Lisp (Scheme), Swift, SQL</li><li>• Learning: TensorFlow, C, MIPS (assembly)</li></ul>	
HONORS & AWARDS	<b>Developer Tools</b>	
	<ul style="list-style-type: none"><li>• Git, Linux, Eclipse, Emacs, Command Line Interface, REST APIs</li></ul>	
	<b>2nd place</b>   HackUConn	
	<b>Oaklawn Scholar</b>   University of Connecticut Honors Program	
	<b>Homer Babbidge Scholar</b>   University of Connecticut Honors Program	
HONORS & AWARDS	<b>Member</b>   Upsilon Pi Epsilon Honor Society for Computing Disciplines	
	<b>Dean's List</b>   University of Connecticut School of Engineering	
	<b>1st place</b>   Connecticut Future Problem Solving	