PARAM BIDJA

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EDUCATION	**Honors Bachelor of Science in Engineering:** University of Connecticut, Computer Science & Engineering, Mathematics Minor, 2015 – 2019, **GPA: 4.0/4.0**	Sept 2015 - May 2019
	Relevant Courses: Object-Oriented Programming, Data Structures, Discrete Systems, Software Engineering, Algorithms & Complexity, Systems Programming, Circuits I, Computer Architecture	

EXPERIENCE	**J.P. Morgan Chase | Summer Technology Analyst** • Developed intelligent UI & micro-services (in Java, Node.js, and Python) to automate Chase Digital's QA process. Full-stack & Agile development. • Automated Chase Digital's QA process by developing historical/pattern-based analysis tools for automated builds.	June 2017 – Aug 2017
	Yale University | Software Engineering Intern • Developed front-end and search enhancements to Yale University's Campus Map utilizing JavaScript, jQuery, & CartoDB. • Designed and developed Amazon S3 file transfer client with single-sign on through SAML login using Python, PHP, and JavaScript (Dropzone.js). • Created dynamic website for Yale University School of Music with live calendar and social media updates. • Developed Yale University Apple Watch application for Yale Transportation using Apple's Xcode and Swift.	June 2016 – Aug 2016
	Laboratory of Machine Learning and Health Informatics | Undergraduate Researcher • Develop machine learning based projects with Dr. Jinbo Bi (Department of Computer Science & Engineering). • Project 1 (completed): analyzed & built a visualization tool for a variation of Google DeepMind's AlphaGo algorithm known as AlphaToe. • Project 2 (in progress): building a desktop and mobile image classifier using transferred learning and convolution neural nets (in progress).	Jan 2017 – present
	University of Connecticut | Computer Science & Engineering Teaching Assistant • Instruct labs and mentor students through problem-solving & exam review sessions. • Spring 2017, Fall 2017: CSE 2050 (Data Structures and Object-Oriented Design)	Jan 2017 – present

PROJECTS	**University of Connecticut Transportation Mobile App** • Developing Android application for UConn bus system with three other UConn students	Jan 2017 – present
	Image Classifier • Developing desktop & mobile application for image classification using transferred learning	Sept 2017 – present
	EpiPing • Designed and built a smart EpiPen using a Rasberry Pi which sends emergency alerts & location to medical personnel when using an EpiPen.	March 2017
	AlphaToe Modeling • Built graphical modeling for open-source machine learning project known as AlphaToe	Feb 2017 – April 2017

SKILLS	**Programming** • Proficient: Python, Java, C, JavaScript • Familiar: Bash, Lisp (Scheme), Swift, SQL • Learning: TensorFlow, MIPS (assembly) **Developer Tools** • Git, Linux, Eclipse, Emacs, Command Line Interface, REST APIs

HONORS & AWARDS	**2nd place** | HackUConn **Oaklawn Scholar** | University of Connecticut Honors Program **Homer Babbidge Scholar** | University of Connecticut Honors Program **Member** | Upsilon Pi Epsilon Honor Society for Computing Disciplines **Dean's List** | University of Connecticut School of Engineering **1st place** | Connecticut Future Problem Solving