

Sid Mangalik

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Looking for internships and employment in fields relevant to Computer Science in either research or industry.
Personal fields of study include: Application Development, Data Science, and Human Cognition.

Education

Stony Brook University Stony Brook, NY	May 2018
Bachelor of Science, Computer Science	GPA: 3.57/4.0
<ul style="list-style-type: none">Member of the select Honors Computer Science programConcentration in Human-Computer InteractionRelevant Courses: Cognitive Psychology, Data Visualization, Analysis of Algorithms, Programming Languages, System Fundamentals, User Interface Development	

Skills

Programming Languages:	[Object Oriented] Java, python, JavaScript, C/C++ [Markup] HTML5, CSS3, jQuery, XML, LaTeX [Other] MIPS Assembly, SML, Prolog, MATLAB, R
Operating Systems:	Microsoft Windows (XP-10), macOS/OSX, Ubuntu, Android Dev
Certifications:	<i>Artificial Intelligence</i> from <i>Udacity.com</i> (Peter Norvig / Sebastian Thrun) <i>Machine Learning</i> from <i>Coursera.com</i> (Andrew Ng)

Projects

Cryptocurrency Miner (2015) <ul style="list-style-type: none">Java and the Java Swing libraryCryptcoin analog for learning about BitcoinGUI for mining progress, blockchain, and fundsConcurrent mining for increased efficiencyUsed RSA encrypted networking packages	Jeopardy! Data Visualization (2016) <ul style="list-style-type: none">d3 JavaScript visualization librarypython: numpy, pandas, sklearn, and matplotlib libraries to prepare data with machine learningDataset was 100,000 Jeopardy! questions from 1982 - 2012 in a .JSON file
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Experience

Research Assistant Stony Brook Dept. of Computer Science, NY <ul style="list-style-type: none">Regularly contact and meet with mentoring professor, Dr. Ritwik BanerjeePlan out specific goals and a schedule for completing those goalsCode and implement SVMs that use NLP for classification in JavaIndependently research Machine Learning topics that advance our research paper	2016 -
Client Support Stony Brook Division of Information Technology, NY <ul style="list-style-type: none">Attend reception desk, aid walk in clients, create service ticketsField campuswide helpdesk tickets, communicate with users to reach solutionsDiagnose hardware failures and reimaged university machinesTroubleshoot and remove viruses/malware from student machines	2016 -
Software Engineering Intern Advalent Corporation, MA <ul style="list-style-type: none">Wrote the base code of an Android application that would be used internallyAdded functionality for the app to login users and then connect to a SQL backend that pinged subscribers about updates in the database.Met with superiors and mentors regularly to discuss implementational detailsFollowed the Material Design guidelines specified for Android Development	2014 - 2014