

DANIEL LI

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EDUCATION

Syracuse University, *College of Engineering and Computer Science*
B.S. Computer Science (GPA 3.37)

Expected Graduation **May 2020**
Syracuse University Dean's Scholarship

SKILLS

Languages	Java, Swift, Kotlin, Python, HTML, CSS, JavaScript, Haskell, C++
Platforms	Windows, Mac, Linux, Android, iOS
Frameworks	ReactJS, NodeJS, SQL, NoSQL, Git, MongoDB, Firebase, unit testing
Coursework	Data Structures & Algorithms, Object Oriented Design, Computer Architecture, Operating Systems, Automata & Computability, Software Design & Implementation, Computer & Network Security, Artificial Intelligence, Access Control/Security & Trust, Android Programming

KEY PROJECTS

Cribb	iOS/Android Application	Mar 2019 — Present
<ul style="list-style-type: none">Developed an iOS/Android application that allows users to easily write and review college housing and apartmentsLed an Agile team of 5 from ideation and conception into development and implementation phases for an iOS appSupervised weekly scrum tasks, pair programming, and implementing effective project versioning using Git/GitHubTook charge of writing, debugging and code review, enforcing clean and efficient code in Swift and KotlinUtilized: Swift, Kotlin, XML, Storyboard, Firebase Firestore/Authentications, SmartyStreets API, Google Maps API, Git		
Textbook Marketplace	Web Application	Jan — Feb 2019
<ul style="list-style-type: none">Adapted an Agile software development approach to building a web-based application for buying & selling school textbooksBuilt a textbook search algorithm in JavaScript from scratch and programmed navigation directory for each web pageUtilized: Javascript, HTML, CSS, MongoDB, Node.js, Git		
Sentiment Analysis of S&P 500	Twitter Data Mining	Apr 2016
<ul style="list-style-type: none">Mined over 10,000 past & live tweets to study how twitter reacts to price movement of S&P500Organized the data and built models to show fluctuating sentiment across different segments of the market.Utilized: Python, MongoDB, Git, TextBlob, NLTK		

WORK & LEADERSHIP EXPERIENCE

Software Engineering Intern @ BlockTech	New York, NY	May — Jul 2019
<ul style="list-style-type: none">Created smart contracts in Solidity and wrote unit tests to improve general code coverageDeployed smart contracts onto the Kovan network while using Zap Oracle to run queriesLearned the fundamentals of cryptocurrency and decentralized applications		
Summer Programming Lead Instructor @ ESF Tech Camps	Haverford, PA	Jun 2017 — Aug 2019
<ul style="list-style-type: none">Developed a technology-centered curriculum and organized daily lesson plans catered to a class of 12-15 campersExplained various topics around the programming of robotic sensors and their movements on <i>Lego Mindstorms</i>Prototyped a game for campers to improve upon on their own, applying programming concepts using baked APIsTaught students the fundamentals of HTML, CSS & Javascript as well as Snap! programmingInstilled an educational and productive environment encouraging innovation, creativity, and critical thinking		
Vice President @ Society of Asian Scientists & Engineers (SASE)	Syracuse, NY	Aug 2018 — Present
<ul style="list-style-type: none">Promote diversity and an inclusive atmosphere among the campus and workplace for the Asian-heritage STEM communityDelegate organizational tasks to the executive board with a focus on maximizing event turnout and membership retentionManage the chapter's funds and handle budget planning throughout the school year		
Rubik's Cube Retail Instructor @ The Muzium	Syracuse, NY	Feb — Apr 2018
<ul style="list-style-type: none">Coached students towards efficient and intuitive techniques in solving a Rubik's cubeInteracted with customers to organize lesson plans and design algorithms tailored to each student's strengths		