Kevin Chen

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Education

NORTHWESTERN UNIVERSITY | GPA: 3.8 | JUNE 2016
B.S. & M.S. Computer Science
Interesting coursework: Machine Learning, Object-Oriented Programming in C++, Combinatorics & Discrete Mathematics, Design & Analysis of Algorithms, Artificial Intelligence, Data Structures & Data Management, Human Computer Interaction, Software Project Management & Development, Computer Systems, Operating Systems, Networking, Natural Language Processing

UNIVERSITY OF WISCONSIN-MADISON | JUNE 2012
Dual enrollment during high school
Interesting coursework: Multivariable Calculus, Differential Equations, Probability

Experience

INDIEGOGO| SAN FRANCISCO, CA | JUNE-SEPT 2015
KPCB Engineering Fellow | Software Engineer Intern
- Completed Agile-sprint style weekly full-stack developmental tasks and projects, with an emphasis on iOS
- Examples include Apple Pay integration, mobile analytics framework research and risk assessment

EPIC | MADISON, WI | JUNE-SEPT 2014
Software Developer Intern
- Designed, coded, and iterated on a pharmacy check-in kiosk for customers to view orders and request additional prescriptions
- Interfaced with pharmacist software and medical records to trigger alerts for allergy or insurance changes and customer arrival

DELTA LAB | EVANSTON, IL | MAR 2014-PRESENT
Researcher
- Designed, implemented, and conducted a research study to explore extending lo-fi paper prototyping to modern mobile apps, enabling designers to remotely facilitate testing while retaining low-cost iterations and no code commitment
- Built a Google Glass application connecting designers with testers via video streaming, location data, sound, and text; extending work by conceiving and coding a mobile mixed-fidelity paper prototype viewer and exhaustively exploring use cases
- Presented accepted paper (first author) at CHI 2015

Projects

REAXN | CHIMEHACKS | JULY 2015
iOS, Swift, Twilio
- Developed an iOS application that promotes girls' and women's safety by allowing users to perform an action (e.g. send a text message with location information) by a simple double-knock gesture without needing to unlock their phone
- Won the Chegg Young Innovator award; currently working on releasing knocking gesture as open-source framework

BREADCRUMBS | NUVENTION | WINTER-SPRING 2015
Meteor, MongoDB, Chrome Extension Devtools, Grunt, Sass, Coffeescript
- Designed, developed, launched, and maintained Breadcrumbs, an online shopping companion that removes the need for shoppers to memorize or otherwise record relevant shopping items by automatically aggregating and organizing all online shopping items browsed

SPEAKAMOS | EVANSTON, IL | WINTER-SPRING 2015
Meteor, MongoDB, WebRTC, Sass, Bootstrap
- Designed, developed, launched, and maintained Speakamos, a language-learning-oriented video chat platform
- Implemented features such p2p video chat, friends lists, private messaging, block lists, etc.

ONE DAY IN | HACKILLINOIS HACKATHON | SPRING 2014
Express, Jade, Node JS, MongoDB, Yelp API, Foursquare API
- Developed a web application that plans a single day trip to any city, generated by an algorithm combining information from Yelp and Foursquare reviews with a short survey from a user
- Redesigned for Northwestern's Student Government to specifically help new students explore Chicago

Leadership & Mentorship

IEEE | PRESIDENT | SPRING 2014-SPRING 2015
- Led executive board through brainstorming, planning, and implementing multiple events engaging students and faculty in EECS
- Events include a school wide barbeque, tech company talks, software workshops, and class and career panels
- Recreated Associate Executive program to focus on engaging and mentoring underclassmen through an extensive development project in either web, mobile, or hardware technologies, building their practical skills and confidence to create their own projects

Skills & Abilities

PROGRAMMING LANGUAGES & TECHNOLOGIES
- Python, Javascript, C#, Java, Swift, Ruby, C, C++, HTML5, CSS3, Common Lisp, MATLAB, LaTeX
- Meteor, MongoDB, jQuery, Node, Angular, Android, Google Glass, WPF, iOS, Oculus, three.js, Gulp, Parse, Firebase, WebRTC, Git

INTERESTS & HOBBIES
- Piano, Climbing, Volleyball, Guitar, Chess, Puzzles, Mathematics, Astronomy, Etymology, Law, AI, Algorithms, Crowdsourcing