Arlene Siswanto

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Coursework

- Elements of Software Construction (F '17)
- Artificial Intelligence (F '17)
- Computation Structures (F '17)
- Introduction to Algorithms
- Fundamentals of Programming
- Software Engineering in Java
- Introduction to EECS

Development

Languages: Python, Typescript, Javascript, Java

Skills and Frameworks: Angular, React, Node.js, Git

Web: HTML, CSS, Bootstrap

Design

Tools: Sketch Illustrator, InVision

Past work: UI/UX design for Meter (mobile/web), TrueTracker (web), Mnemonic (mobile), Assure (mobile)

Awards/Honors

2017 - Best IoT Hack, HackPrinceton

2017 - Top 10 Hack, MakeMIT

2016 - HS Math Club President

2016 - HS CSF Vice President

2015 - AIME Qualifier

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/in/arlenesiswanto

arlenesiswanto.me

Education

Massachusetts Institute of Technology | Cambridge, MA — Sep '16 - present

– Candidate for B.S. in Computer Science and Engineering

Mark Keppel High School | Los Angeles, CA — Sep '12 - May '16

– Valedictorian of 550, 4.81 GPA

Work Experience

TrueMotion - Software Engineering Intern | Boston, MA — Jun '17 - Aug '17

– Implemented a data visualization platform to accelerate the development and performance of machine learning models

– Developed a complete Angular 2 web application using Node.js and Webpack

– Designed all UI/UX from initial mockups to full visualizations

MIT CSAIL - Undergraduate Researcher | Cambridge, MA — Jan '17 - Mar '17

– Worked in the Computational Cognitive Science group

– Helped perform experiments to infer human intention with computational models created through computer vision

– Studied inductive leaps through rational choice theory and Bayesian inference

Wag - Marketing and Sales Intern | West Hollywood, CA — Jun '16 - Mar '16

– Worked with the founding team to expand B2B partnerships

– Managed marketing campaigns with companies using Salesforce

Projects

Meter — Mar '17 - present

A sharing-economy service that allows owners of unused parking spaces to list and lend their spots for discovery by drivers in the area

– Developed ReactJS web app, designed mockups for web and mobile app

– Received Sandbox seed funding and conducted intensive market research

Mnemonic — Mar '17

Best IoT Hack | *HackPrinceton*

A social companion worn as a necklace that keeps track of acquaintances by recognizing faces and reminding the wearer their name with a curated summary

– Used IBM's AlchemyLanguage API to analyze speech and extract key information

– Helped design the wearable with Raspberry Pi, camera, mic, and raw materials

Keyper — Feb '17

Top 10 Hack | *MakeMIT*

A system that introduces security and personalization for technologies powered by voice command and facial recognition; Demoed with Amazon Echo and IoT lockbox

– Created an Amazon Alexa Skill to handle speech; integrated Facial Emotion APIs for personalized responses

Assure — Apr '17

IoT Hackathon | *MIT Media Lab*

An IoT safety device for family that detects falls, indoor location, and irregular behavior