Oindril Dutta

Contact

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- LinkedIn.com/in/**oindrildutta**
- Github.com/**duttaoindril**
- usemotion.com/meet/**od** /talk

Education

Georgia Institute of Tech
MS in Computer Science
Specialization in ML | In Progress

San José State University
BS in Computer Science
Graduated June 2018 | 3 Years
Dean's Scholar in College of Science

Skills

Languages
Java • Python • Ruby • C++ • C#
HTML5 • CSS3 • ES6 JavaScript
Lisp/Scheme • Scala • SQL • R
Typescript.js • JSON • XML • D3

Technologies
JQuery • Node.js • WebSockets • RoR
React.js • Redux • Polymer • AWS
Django • Flask • Spring • Express.js
Firebase • Mongo DB • Tensorflow(.js)

Tools / Systems
SQL/NoSQL DBs • Ajax • REST APIs
Linux • Putty • CLIs • NPM • Bower
Jenkins • JUnits • Apache Tomcat
LaTeX • Agile • Git • Github

Interests

Machine Learning • Data Analysis
Back-end & Front-end Engineering
Full-Stack Development

Volunteering

Google Games Contest
1st Place Winner
Problem solved many logical + coding
challenges in a time-bounded setting

Library Tech Toolbar
Directed the growth & purpose of the
library tech toolbar initiative

Languages

Fluent in English, Bengali, Hindi, Spanish

Industry Experience

Software Engineer, Fullstack — **Utopia Labs** | San Francisco, CA
Typescript, Node, React, Next.js, MongoDB, GraphQL, Apollo — Feb 2022 - Now
Joined as the 1st engineer at a VC-backed seed startup of 4 co-founders, now Series A 15+, leading, growing & rapidly engineering the main product, a web3 DAO ops payroll platform

Software Engineer, Fullstack — **Nuna** | San Francisco, CA
Python, Django, ReactJS, Typescript, PostgreSQL — June 2021 - January 2022
Built out product and features at a rapidly scaling mid-size startup full-stack to help insurance companies and medical providers get accurate data on their patients

Software Engineer, Fullstack — **Tara.AI** | San Jose, CA
Typescript, Node, React, Redux, ML, GCP, Firebase, NoSQL — March 2019 - May 2021
Joined as the 3rd engineer in a YC-backed Series A startup of 13, now 30+, leading, growing and rapidly engineering the main platform and product, Tara.AI

Software Engineer, Fullstack — **Lawyaw** | San Francisco, CA
React, Redux, Python, Django, PostgreSQL, AWS, NLP — Oct 2018 - Feb 2019
Joined as the 2nd engineer at a YC-Backed seed startup of 7, taking ownership of rapidly bringing the flagship product to production, while supporting on call for 100s of law firms

Software Engineering Intern — **IBM** | San José, CA
Java, JUnit, Jenkins, Git, Tomcat, Agile — Jan 2017 – Sep 2017
- Refactored entire 20k+ line application across 12 repos to allow in-sync builds with each other, saving 500 man-hours per month of development and build time
- Created continuous integration system utilizing Jenkins, with an entire testing suite, to automatically test, push and revert development and production builds
- Fixed 2500+ runtime and compilation bugs of technical debt involving Gradle, Beans, namespacing, DRY code, logic errors, & class, packaging, & method issues

Software Engineering Intern — **Aeris** | Santa Clara, CA
Java, JS, SQL, R, Polymer, D3, Android, Shiny — May 2016 – Oct 2016
- Built robust & scalable IoT servers for vehicle fleet management, transforming and storing incoming binary OBD & CAN sensor data dumps from 100s of vehicles into human-readable data for analysis & insight
- Developed real-time interactive IoT dashboards for fleet management, analysis & visualizations; demoed to CEO & Investors to bring to the production SaaS solution

Projects & Awards

Yoga Master: Realtime Yoga Pose Feedback — BEST ML PROJECT
Tensorflow.js, OpenPose, Node.js, ML — github.com/Yoga-Masters | 1/18 - 6/18
Architected & lead a team to build a react app to detect yoga poses, by building an automated training pipeline to scrape 100s of YouTube videos of Yoga professionals, extract relevant frames, pre-process frames & train it on a supervised FCNN model of 4000+ rows

Myo Messenger: Sign Language Translator — 1ST PLACE PRIZE
Myo, Firebase, Javascript, AI — odutta.me/MyoMessenger | Hero Hacks | 8/14
Built an AI app using time-series data to send translated ASL signs for the speech impaired

Learn Motion: Muscle Memory Trainer — MYO SPONSOR PRIZE
Myo, Pebble, Android, AI — odutta.me/myoSport | HackingEDU | 9/15
Built an AI app to record & replay movements to train using any wearable w/ accelerometer

Simple Bottle: Prescription Overdose Monitor — 1ST PLACE PRIZE
Tessel, Android, AerCloud, JavaScript — git.io/fA3JO | Aeris IoT Hackathon | 4/16
Built a Pill Bottle to control pill dosage according to prescription, sending data to doctors

Google Competition 2016: Mountain View — 1ST PLACE PRIZE
Problem Solving & Programming — April 2016 | Google Games
First place solving coding & logical challenges in a time-bounded competition @ Google