

Oindrill Dutta

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Full Stack Developer & Software Engineer highly interested in AI/ML & Data Handling seeking Full-Time Positions
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LINKS

[LinkedIn.com/in/oindrilldutta](https://www.linkedin.com/in/oindrilldutta)
[Github.com/duttaoindrill](https://github.com/duttaoindrill)
My Personal Website
<http://odutta.me>
Schedule an Appointment
[Calendly.com/duttaoindrill](http://calendly.com/duttaoindrill)

EDUCATION

GEORGIA INSTITUTE OF TECH
MS IN COMPUTER SCIENCE
Expected June 2022

SAN JOSÉ STATE UNIVERSITY
BS IN COMPUTER SCIENCE
Graduated June 2018 | 3 Years

SKILLS

LANGUAGES

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

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
ETX • Agile • Git • Github

INTERESTS

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

VOLUNTEERING

LINKEDIN JOB SHADOW

Stellar example candidate @ LinkedIn

LIBRARY TECH TOOLBAR

Directed the growth & purpose of the library tech toolbar initiative

LANGUAGES

English • Bengali • Hindi • Spanish

INDUSTRY EXPERIENCE

YEAR-LONG ENGINEERING INTERNSHIP | IBM | IBM.COM

Built with: Java, JUnit, Jenkins, Git, Tomcat, Agile | Feb 2017 – Sep 2017

- Developed and maintained repos of internal DB2 codebases and servers of tools
- Pushed for better organization of code/repos creating stronger dev/build cycles
- Fleshed out internal DB2 tools to work with newer technologies and frameworks

SUMMER ENGINEERING FELLOW/INTERNSHIP | AERIS | AERIS.COM

Built with: SQL, R, Shiny, JS, Polymer, Android | June 2016 – Sep 2016

- Worked on data analysis, stream decoding, and app creation in multiple platforms
- Built internal tools to handle, pre-process and analyze IOT data with R for ML
- Built a Polymer front-end to display realtime data ingestion and analysis through pipeline; showcased at an investor meeting live demo with the CEO

FREELANCE WEB DEVELOPER | GUPTACHEM | GUPTACHEM.COM

Built with: Rails, JQuery, Heroku, Parse | Jan 2015 – July 2015

Developed a Rails e-commerce/online course to sell/offer Chem lessons to students

AWARDS + PROJECTS

BEST ML/DATA PROJECT | YOGAMASTERS | [GITHUB REPO](https://github.com)

Built: Tensorflow.js, OpenPose, React, Node.js, Firebase | January - June 2018

- A react app utilizing any device's webcam to return yoga poses confidences
- Built an automated pipeline to: Scrape YouTube videos of Yoga professionals, extract relevant frames, run OpenPose to get pose data, pre-process to make it ML ready & train it on a supervised FCNN model on 4000 pose images

1ST PLACE PRIZE | MYO MESSENGER | ODUTTA.ME/MYOMESSENGER

Built: Myo, Firebase, Javascript, Machine Learning | Aug 2014 | Hero Hacks

IM app to send translated Sign Language gestures using Myo for the speech-impaired

MYO SPONSOR PRIZE | LEARNMOTION | ODUTTA.ME/MYOSPORT

Built: Myo, Pebble, Android, Machine Learning | Oct 2015 | HackingEDU

App to record, replay, and learn motion using Myo, Pebble, and Machine Learning

PUBNUB SPONSOR PRIZE | VIEWME | ODUTTA.ME/VIEWME

Built: ML, Pubnub, Xtreme Reality, Autodesk 3D View | July 2014 | Angel Hacks

Control any 3D object with any pc/phone camera using gestures with torso movement

SATORI SPONSOR PRIZE | EYESHOT | EYESHOT.FUN

Built: Satori API, Polymer, Firebase, Node.js | July 2017 | AngelHack

SaaS + application demo of live streaming user location tracking for instant meetups

TEAM LEAD & MYO + WEB DEVELOPER | SLAPP | ODUTTA.ME/SLAPP

Built: Myo, Pebble, Android, Machine Learning, Web | Feb 2015 | HS Hacks II

App for smartwatches/myos/phones to detect slaps & exchange contact + other info

GOOGLE COMPETITION 1ST PLACE PRIZE | [GOOGLE GAMES](http://GOOGLE.GAMES)

Worked on: Problem Solving, Programming, Building | April 2016

Solved many coding/logical challenges in a time-bounded setting to emerge first

1ST PLACE PRIZE | SIMPLE BOTTLE | ODUTTA.ME/AERISIoT

Built: AerCloud, Tessel, JavaScript, Android | April 2016 | Aeris IoT Workshop

IoT Simple Pill Bottle to automate and lock pills according to prescription usage

LEAD DEV | OFS PROJECT | ORGANIC-FOOD-STORE.FIREBASEAPP.COM

Built: Polymer, Node, JS, Heroku, Express | February 2017 – June 2017

Online Store to view, cart and purchase catalogued food for an imaginary store