Darren Ting

darrenting1@gmail.com | 973-908-2217 | Github: **ting-kerbell** | LinkedIn: **darren-marcus-ting** | U.S. Citizen

I'm a quick learning and collaborative technical professional who wants to bring more value to customers.

EDUCATION

CORNELL UNIVERSITY
MEng in Computer Science
May 2021 | Ithaca, NY
Cum. GPA: 3.87 / 4.0

TUFTS UNIVERSITY
BS in Computer Science and Quantitative Economics
May 2020 | Medford, MA
Cum Laude, Dean's List all 4 years
Cum. GPA: 3.62 / 4.0
Major GPA: 3.73 / 4.0

SKILLS

PROGRAMMING
Python • Javascript • C++ • Java • SQL • C • Shell/Bash • CSS/SCSS • LaTeX • PHP HTML • Ruby • Standard ML

FRAMEWORKS AND TOOLS
Git• Node.js• EJS • Ajax • Bootstrap• React• Scrum/Agile• RSpec• OpenAI Gym • Kali Linux • Docker •Twilio • AWS Cloud 9 •Microsoft Excel • AWS S3

PLATFORMS/LIBRARIES
Heroku• jQuery• NPM• HuggingFace BERT • EJS • Pandas• MongoDB• PyTorch• Scikit-learn• NumPy • jQuery •Tensorflow• Mongoose • EveryPixel • Scapy • NLTK • Spacy • Android SDK • Java SDK • Android Studio • Pega Infinity Platform • OpenCV • GloVe • Python Imaging Library • Python-Tesseract • SciPy

COURSEWORK

GRADUATE
Advanced Machine Learning Systems
Natural Language Processing
Learning with Big Messy Data
Operating Systems
Computer Vision
Big Data Technologies
Advanced Artificial Intelligence
Master's of Engineering Project

UNDERGRADUATE
Intro to Machine Learning • Algorithms • Computer Systems and Security • Databases Computational Theory • Programming Languages • Data Structures • Statistics • Multi-variable Calculus • Linear Algebra • Probability

EXPERIENCE

FUNPICKS | Machine Learning Software Developer
`www.funpicks.io` | December 2019 - Present (Currently Part-Time) | Short Hills, NJ
- Orchestrated sitewide user personalization by developing an automated Photo Keyword Recommendation System
- Launched features in asynchronous environment such as Photo Views, Likes and Follows using Node.js, EJS, MongoDB
- Designed and Implemented Keyword Search for entire site

PEGASYSTEMS | Software Engineering Intern
May 2018 – August 2019 | Cambridge, MA

- Built framework to enhance platform component performance in Pega App Studio using Javascript, CSS, HTML
- Improved feature commit efficiency by building integration, unit tests in RSpec
- Created React components for Pega Cosmos and wrote scripts for accessibility testing
- Wrote Auto-Documentation Script using Docsify and PropTypes for Cosmos React Components

LAWYER.COM | Software Developer Intern
June 2017 - August 2017 | Basking Ridge, NJ
- Improved customer communication by developing both Front and Back End of "Chat Room" using JavaScript, PHP, CSS and HTML
- Developed VoIP connection feature to client-side SIP phones using PHP, JS

PROJECTS AND CONTRIBUTIONS

Cornell MEng Project	Used BERT to build sentiment, toxicity, bias classifiers with paraphrase recommendations using BERT embeddings.
Data Science	Leveraged Pandas, XGBoost to predict commercial success of songs based on auditory features from Spotify API
Other ML Projects	Credit Card Fraud Anomaly Detection in PyTorch Built Logistic Regression from scratch using NumPy Fake News Classifier using NLTK, Sci-kit Learn
JumboCode	Leveraged React to build mobile version of MA-STEM

RESEARCH AND TEACHING | Tufts University
September 2018 – May 2020 | Medford, MA
- Contributed to Bayesian Variational Autoencoder under Professor Hughes
- Developed Optical Character Recognition preprocessing code for Professor Elizabeth Setren's research
- Implemented multiclass classification pipeline on Time Series Predictor code under Professor Hughes
- Teaching Assistant for: Data Structures (Spring 2020), Intro to Machine Learning (Fall 2019), Introduction to Computer Science (Spring 2017)

ACHIEVEMENTS AND ACTIVITIES
•**Tennis:** Tufts Club Tennis - President; USTA junior national top 300•**Photography:** National award winner in YoungArts and Scholastics Art and Writing •**Charity:** Art Exhibition for Sunshine Kids Foundation