

# Edward Park

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## EDUCATION

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### University of Illinois at Urbana-Champaign

2017 - Current

- Studying Computer Science and Econometrics/Quantitative Economics

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## WORK AND INTERNSHIP EXPERIENCE

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### Software Development Intern at Vade Group

Winter 2020 – Current

- Developing and managing computer vision models to process the ingest from deployed cameras
- Manage ETL, CRUD, and general pipelines to process raw data
- Built a platform to display inhouse analytics and real time data built directly off of our pipeline
- Involved in using Python, Javascript, Firebase, BigQuery, Tableau, PowerBI, and Google Cloud

### Software Engineer Intern at Varty.io

Winter 2020

- Full stack web app centered around a video call platform hosted in a virtual avatar based space
- Cleaned and rebuilt the platform to improve upon code sustainability and scalability
- Involved in using Python, React, Typescript, NPM, Javascript, React, Firebase, and AWS

### Data Optimization Analytical Intern at Caterpillar Inc.

Summer 2019

- Full Stack Intern at Caterpillar Inc.
- Gathered time series data from nearly all Caterpillar machines across the world
- Developed a portal that clients, partners, and Caterpillar engineers could access
- Real-time processing and analysis of data over several different time spans
- Involved in using Python, HTML, Javascript, Azure, MySQL and React

### Full Stack Intern at N3N Inc

Spring 2018 – Winter 2018

- Led a team of four front and backend engineers to develop a platform backed by Machine Learning
- Fully built out a front and backend system with team from start to finish
- Involved in using Python, HTML, Javascript, React, MongoDB, Neo4j, Flask, Web.py and AWS

### Research Intern at USC Dornsife

Spring 2016 – Summer 2017

- At USC Dana & David Dornsife College of Letters, Arts & Sciences under Dr. Emile-Geay
- Involved in mapping, compiling, and analyzing speleothem data through python
- Used different algorithms to map out speleothem data over geographical regions and timescales
- Research project mainly contributes to <http://linked.earth/> project
- Involved in using Python, Java, HTML, Javascript

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## TECHNICAL SKILLS

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### Experience in MongoDB, MySQL, Neo4j, Flask, Django, AWS, Azure and GCloud

- Internship Experience in building out databases with hybrids between MySQL, MongoDB and Neo4j for catalog systems
- Deployed several full stack applications using Flask, Django, and Web.py from scratch on AWS, Google Cloud, Azure, and other cloud computing platforms
- Internship work experience in Python, Java, React, HTML, and Javascript

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## ACTIVITIES AND AWARDS

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### MHacks 11

October 2018

*LINC – Winner of the “Best use of Clinc AI Platform” Award*

- University of Michigan, Ann Arbor Hackathon
- LINC – LGBTQ in Need, Chatbot
- Conversational AI that spans across several platforms
- Built to provide assistance, aid, or support to LGBTQ in need
- Can answer certain questions the user has, provide resources to use, or even simply just converse with the perpetually learning chatbot.