TRI LE

Email: tnl34@drexel.edu | **Github:** lenguyentri1999 | **LinkedIn:** tri-nguyen-le

EDUCATION

Drexel University   Anticipated Graduation: Jun 2022
Honors BS/MS Accelerated Degree in Computer Science   *Philadelphia, PA*
Cumulative GPA: 3.73/4.00

WORK EXPERIENCE

Susquehanna International Group   Apr 2019 - Sep 2019
Software Engineering Intern   *Bala Cynwyd, PA*
· Utilized Python, Pandas and Jupyter Notebook to transform >100,000 records of raw fund data from OracleDB into meaningful risks measurements
· Debugged multi-threading issues in existing MVVM/MVC .NET desktop application, increasing calculation time by 50% for 20+ traders
· Processed multicast market data over TIBCO in C# to produce real-time data visualizations in DevExpress .NET framework, replacing the need for several heavy >10MB Excel sheets

Eoko | `eokoapp.com`   Sep 2017 - Apr 2019
Software Engineering Intern   *Philadelphia, PA*
· Led initiative to use Typescript for an Event-Driven Serverless notifications system on Google Cloud Platform that peaks at 300+ concurrent users
· Reduced notification response time by 75% using Memcached, Javascript and Reactive Programming (RxJS) to cache user information
· Created >10 REST APIs endpoints to handle recurring payments, transaction canceling and email webhooks for an end-to-end Stripe API Payments Dashboard

Radio Network AR | Dr. Kapil Dandekar   Apr 2018 - Sep 2018
Developer for Drexel Wireless Lab, funded by the NSF   *Philadelphia, PA*
· Implemented Image Marker recognition with Augmented Reality capabilities using Swift and ARKit in native iOS app
· Researched usages of AR for educational purposes with Dr. Kapil Dandekar, Drexel Associate Dean of Graduate Research

PROJECTS

Clippy Engine – *Dragonhacks 2019 Best Hack Second Place*   Apr 2019
· Placed 2nd out of 36 teams by building a game editor from scratch in Python in 24 hours

Facial Recognition Door – *Dragonhacks 2018*   Jan 2018
· Programmed Raspberry Pi in Python to recognize faces and open doors with 95% accuracy rate

DragonFriends   Jan 2018
· Designed and implemented CRUD Android app with Firestore backend in Java & Android Studio

SKILLS

Languages	Python, C#, JavaScript, Typescript, HTML/CSS, Java, Swift, Bash, SQL
Frameworks and Tools	Angular, RxJS, Node.js/Express, .NET, MySQL, Git, Perforce