

# Andrew Kim

## Work

### Software Engineer @ Edge On Demand

Jul 2018 - Present

Architected and implemented a new foundation for clients' financial reports, which significantly improved page load speeds, testability, and maintainability. Re-created popular existing reports using the new report system. Implemented a payment schedule feature that needed to handle various complex contract configurations in the back-end; worked closely with the product lead to determine a straight-forward, intuitive front-end while still retrieving all the necessary inputs from the user. Designed and developed a data escrow feature and then implemented a Dropbox API integration for it. Looked into an increasingly long CI build time and reduced the average build time from 40 minutes to 20 minutes. Worked on Python/Django/Ubuntu version upgrades. Served as technical lead, working closely with the product team on new feature concepts, designs, and implementations.

### Web Developer @ Encoda

Apr 2017 - July 2018

Rearchitected and rewrote our ETL application using Python, Django ORM, and PostgreSQL. Developed web scrapers using PycURL, requests, and BeautifulSoup in order to both download and upload large quantities of files from and to various data sources. Refactored legacy Python code and utilities to simplify and expedite our workflow for our client-facing data analytics platform built on Klipfolio.

### Sr Project Coordinator @ inVentiv Health

Aug 2014 - Apr 2017

Managed the patient recruitment campaign for a multimillion-dollar global clinical trial involving 17 countries. Led client-facing teleconferences and presented data analysis and visualizations, which helped build a strong client relationship. Coordinated efforts with over 100 research sites to improve subject enrollment.

## Education

Bachelor of Science in Life Science

2009 - 2012

The Pennsylvania State University, University Park

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