

NICK HENDERSON

nick@nihenderson.com · 925.997.1089 · linkedin.com/in/nhend

EDUCATION

University of Oregon
BS Computer and Information Science
Minors in Business Administration, Entrepreneurship

Eugene, OR
Sep 2017 - Jun 2021
GPA: 3.8

SKILLS

Languages: Python, C++, R
Tools: PySpark, Databricks, PyTorch, Jenkins

PROFESSIONAL EXPERIENCE

Nike
Associate Software Engineer

Beaverton, OR
Sep 2021 | Present

- Developed, deployed, and maintained machine learning model data pipelines including ingesting from S3 with SQL, data engineering with PySpark, and serving via API
- Managed and productionalized data security platform migration
- Built Python script to grant access control permissions using API calls, shortening new hire onboarding

Software Engineering Intern

Jun 2020 | Aug 2020

- Integrated pose estimation machine learning model into augmented reality mobile application using Javascript
- Wrote Python image demo with Tensorflow to test and debug pose estimation
- Implemented linear algebra and matrix manipulation functions to replace Tensorflow and NumPy dependencies

Oregon Networking Research Group
Undergraduate Researcher

Eugene, OR
Jan 2020 | Jun 2020

- Developed multi-task machine learning models to classify internet measurements and tested their effectiveness against single-task models performing the same function
- Built and trained models using Snorkel and PyTorch
- Wrote bash scripts to collect and stage latency measurements

Cisco
Sales Engineering Intern

San Jose, CA
Jun 2019 | Aug 2019

- Rewrote legacy Python Django project used by clients to demo distributed network control
- Performed testing and code review for distributed network control software

AMN Healthcare
Software Engineering Intern

San Diego, CA
Jun 2018 | Sep 2018

- Designed a recommendation system using Python and Azure ML to match traveling clinicians with job orders
- Implemented an original scoring algorithm in R used to compare orders at-a-glance, improving quality predictions by 300%
- Wrote and presented data analysis reports to company leadership

PROJECTS

Sbotify Python

A bot that scrapes Reddit comments for song names and creates a Spotify playlist of every song mentioned in a thread, intended to be used for song suggestion threads. Uses the Spotify API (Spotipy) and the Reddit API (PRAW).

AWARDS

Juilfs Scholarship in Computer Science
Awarded to students who show exceptional promise for achievement as evidenced by GPA and originality of research

University of Oregon
May 2020

Centurion Award
Given to undergraduate and graduate students for academic dedication and outstanding service as a student leader (fraternity president)

University of Oregon
May 2019