

Nishant Jha

Computer Scientist with a background in the natural sciences

US Citizen

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EXPERIENCE

Capital One, Richmond — *Data Engineer*

SEPTEMBER 2018 - PRESENT

Built out database management toolchain with **Python**. Used **scikit learn** to build in ML healthchecks to data pipeline frameworks

Sheffield Lab, UVa. Med. School — *Scientific Programmer*

JUNE 2017 - SEPTEMBER 2017

Conducted research at the interface of computation and biology. Applied data science techniques to biological questions in cancer, epigenetics, development, and genomics.

PROJECTS

Project Hermes — Co-Founder

An **iOS** and **Node** Web app with a **Firebase** backend. It allows patients to complete their physical therapy regimens from the comfort of their home.

AllergenGuru — *Indoor Biotechnologies* — Creator

Developed an **Android** and **iOS** app with a **Python** backend that provides scientists with information about purified allergens, allergen standards, and assays. The app interfaces with the WHO allergen database.

Project Fission — Creator

A website generator written in **Python** that enables UVa students to take advantage of free web hosting and create their own websites.

EDUCATION

University of Virginia, MCS — *Computer Science*

AUGUST 2017 - MAY 2018

Coursework focused on Security/Privacy/Theory of Machine Learning

University of Virginia, BA — *Computer Science*

AUGUST 2014 - JUNE 2017

Coursework emphasized Computer, Physical, and Life Sciences.

SKILLS

C/C++, **Python**, **Node**,
Swift, **Go**, **Emacs Lisp**

COURSEWORK

Defense Against the Dark Arts

Mobile App Development

Computer Architecture

Machine Learning

Database Systems

Interface Design

Biostatistics

Biochemistry

Organic Chemistry

AWARDS

Echols Scholar - awarded to the top 5% of UVa. students.

Rensselaer Polytechnic

Institute Math and Science

Award

International Symposium on

Molecular Allergology -

Top Poster Presentation

PUBLICATIONS

Virginia Journal of Bioethics -

Strange Loops

NishantJha.org -

[The Control Problem](#)

[Book Review: Crazy Rich Asians](#)