

Nicholas Holden

holdenn@uchicago.edu | <https://canick123.github.io/> | 858-705-5904

EDUCATION

UNIVERSITY OF CHICAGO

Master of Science, Computer Science

Chicago, IL

Expected June 2022

UNIVERSITY OF CHICAGO

Bachelor of Arts, Mathematics

Chicago, IL

Expected June 2022

GPA: 3.76, Major: 3.88

Relevant College Course Work: Regression Analysis and Quantitative Trading Strategies (Graduate), Theory of Algorithms, Point Set Topology, Markov Chains, Martingales, and Brownian Motion, Investments (Booth), Mathematical Foundations for Machine Learning

EXPERIENCE

Parallax Volatility Advisers, L.P.

Quantitative Trading Intern

San Francisco, CA

Summer 2021

- 1
- 2

Accenture

Summer Analyst

San Francisco, CA

Summer 2020

- Designed customized statistical and machine learning based time series forecasting models for Microsoft's Master Data Management project and presented technical results and insights to Accenture executives and members of Accenture Leadership
- Developed self-updating web interface presenting model forecasts.

J. Craig Venter Institute

Research Contractor

San Diego, CA

Summer 2018

- Leveraged known chemoinformatics database APIs to generate list of potential drug ingredients to help patient with ADCY5 mutation

Rady Children's Hospital

Research Contractor

San Diego, CA

Summer 2017

- Mined and coded thousands of patient records to perform multifactor logistic regression and contributed to writing an abstract which was presented at The Society for Maternal Fetal Medicine National meeting in Dallas, January 2018. Largest study to date.

LEADERSHIP AND ACTIVITIES

UChicago Water Polo Team

Vice President

Chicago, IL

December 2019 — Present

- Bonk

MySchedulingSolution (Hackathon)

Team Group Leader

July 2020

- Designed and implemented backend framework that intelligently matched analysts to projects based on skillset
- Azure Natural Language Processing for resume and project skill extraction.

SKILLS AND INTERESTS

Interests: Poker (Heads up NLH, Fullring NLH), Bridge, Water polo, Chess, Backpacking, Downhill Skiing

Awards: Stephanie Blankenship Award, Presidential Service Award (500+ hours of community service), Eagle Scout