

BORIS TOPALOV

analyst | developer

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☎ 571-502-8406

🎓 EDUCATION

University of Virginia

2018–2022

B.S. in Commerce, Minor in
Computer Science

GPA: 3.75 / 4.0

Honors: Wednesday Music Club
Scholarship Recipient

Coursework: Privacy in the
Internet Age, Project and
Product Management, Machine
Learning, Algorithms, Public
Speaking, Design Thinking

✂ SKILLS

Programming Languages

Javascript	███████
Python	███████
SQL	███████
C++	███████

Frameworks and Tools

React	███████
Node.JS	███████
Django	███████
Figma	███████

Foreign Languages

Bulgarian	███████
French	███████

🎵 INTERESTS

NBA	Electric Guitar
DJing	Crypto
Trombone	Vegan Food

💼 WORK EXPERIENCE

Comm | Software Engineering Intern

Sept. 2021–Present

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Capital One | Business Analyst Intern

June 2021–Aug. 2021

- Identified opportunities for improvement in credit algorithms by analyzing 80m+ data points using SQL and Python
- Developed a high-level machine learning model to predict customer behavior and reduce policy risk
- Isolated customers based on risk and spend metrics in order to provide credit recommendations to senior management

Kalitko | Food Importation Startup

May 2020–Aug. 2020

- Developed data-driven growth strategy by analyzing customer reports
- Set up chart of accounts and managed accounting for new business
- Designed and optimized company website to decrease average load times by 37%; reduced customer bounce rate by ~8%

UVA McIntire | Research Assistant

Dec. 2020–Jan. 2021

- First Project: Built a web scraper using Python and Selenium to collect metadata from Instagram posts
- Second Project: Analyzed 3500+ Twitter posts to extrapolate population percentage of pro-mask and anti-mask individuals

Bit by Bit Learning | Co-founder

July 2020–Nov. 2020

- Founded a computer science tutoring business with three fellow UVA students in hopes of providing younger students with problem-solving skills that apply to any career

≡ PROJECTS

Spotify Habits

- Built and deployed a web app that shows you your listening habits on Spotify using React, Node.JS, and the Spotify API (among other tools)

Charlottesville Microvolunteering

- Built a platform for microvolunteering opportunities in the Charlottesville area using Django, HTML, and CSS
- Conducted interviews with potential clients and translated client needs into requirements for the development team