

SAHIL KHANNA

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EDUCATION

University of Virginia, Charlottesville, Virginia

Expected May 2024

Bachelor of Arts in **Computer Science** | Minors: **Technology Entrepreneurship, Astronomy**

Cumulative GPA: **3.73/4.00**

Relevant Courses: Software Testing, Algorithms, Computer Architecture, Cybersecurity, Theory of Computation, Program & Data Representation, Software Development Methods, Statistical Analysis with Python, Innovation and New Ventures

RELEVANT EXPERIENCE

Summer Associate | **EY-Parthenon Software Strategy Group**, San Francisco, California

June - August 2023

- Conducted technical due diligence for private equity client on target company in a tuck-in acquisition project in the ed-tech space
- Analyzed in-depth the R&D team structure, software architecture, product roadmap, and hosting infrastructure of target company
- Assessed historical software hosting costs of target company and benchmarked against similar sized software companies
- Forecasted hosting infrastructure build-out and associated costs incurred for potential migration of customers from target to existing client portfolio company

"KhannaCoin" Cryptocurrency | Charlottesville, Virginia

Spring 2023

- Created my own local cryptocurrency in Python with functional RSA public/private key wallets, blockchain, and mempool all stored in local text files
- Programmed methods to add and transfer funds, check wallet balance, verify transactions, mine blocks, and validate blockchain
- Implemented SHA-256 hash of previous blocks in subsequent blocks to ensure security of blockchain similar to actual cryptocurrencies

Software Development Intern | **Tech Genius**, Cape Town, South Africa (Remote)

June 2022

- Programmed front-end framework for an adventure themed social media app in react-native according to client wireframes
- Designed and developed login, sign-up, welcome, and profile screens and an app drawer as a part of the development team and collaborated with other interns using github

LEADERSHIP EXPERIENCE

Vice President | **Bharatiya Council**, Charlottesville, Virginia

September 2020 – Present

- Manage the event planning, member engagement, bank account, budget, and other activities of this club for international Indians
- Organize and source funding for cultural events and festivals to increase engagement of members and promote a sense of community on UVa grounds

Director of Training & Curriculum | **Profit with Purpose**, Charlottesville, Virginia

September 2020 – Present

- Conduct weekly workshops to train new analysts with tools to source, conduct due diligence on, analyze, and present early-stage, social impact-focused startups to impact investing professors and industry professionals
- Advise an analyst team of 10 members about sourcing issues, client communication, project structure, deliverables, etc.

Vice President of Operations | **Virginia Consulting Group**, Charlottesville, Virginia

February 2021 – Present

- Manage internal logistics and oversee bank accounts, event budgets, funding, and all other financial activities
- Led the new member education program in 2022 as a Director of Development facilitating workshops on client communication, data analysis, presentations, and the consulting recruiting process

Resident Advisor | **Housing & Residence Life**, Charlottesville, Virginia

August 2022 – Present

- Foster a welcoming and inclusive community for 200+ residents in a freshman dorm by organizing programs focused on community engagement, DEI awareness, personal development, and academic engagement
- Undergo 50+ hours of training on incident response, mentorship, intentional programming, and building inclusive communities

Rotunda Ambassador | **University of Virginia Rotunda**, Charlottesville, Virginia

August 2022 – Present

- Selected to be a student leader/worker at the Rotunda, the heart of the university and a UNESCO World Heritage Site
- Welcome up to 1000 tourists, students, and university leadership every day as a tour guide and historical reference

SKILLS & INTERESTS

Technical: Python, C++, C, Java, React, React-Native, Bootstrap, HTML, CSS, Javascript, JUnit5, Firebase, Git, Excel, Powerpoint

Languages: English (native), Hindi (native), French (beginner)

Interests: Scuba Diving (Open Water Certification), Brazilian Jiu Jitsu, Photography, Guitar (Trinity Grade 5), Golf