

Alec Mitrokostas

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EDUCATION

LEHIGH UNIVERSITY

Bethlehem, PA

Bachelor of Science in Computer Science and Business, Expected: May 2022

- **Relevant CS Coursework:** Data Structures, Systems Software, Database Systems and Applications, Software Engineering, Design and Analysis of Algorithms, Blockchain Systems and Algorithms
- **Relevant Business Coursework:** Principles of Marketing, Financial and Managerial Accounting, Microeconomic Analysis, Computer Applications in Business, Blockchain Concepts and Applications

PROFESSIONAL EXPERIENCE

MCA CONNECT

Denver, CO

Software Engineering Intern

June 2021 - July 2021

- Implemented and tested custom business logic in Microsoft Dynamics using Visual Studio and X++ (similar to C#)
- Worked with a small team of interns to solve problems for large clients in a consulting environment
- Assisted in teaching Dynamics programming concepts to offshore engineering team in South Africa

LEHIGH UNIVERSITY CSE DEPARTMENT

Bethlehem, PA

Blockchain Systems and Algorithms Teaching Assistant

August 2021 - Present

- Hold weekly office hours to assist students in understanding consensus mechanisms, functions of popular blockchains, smart contract programming, etc.
- Grade 15 students homework assignments weekly

Systems Software Teaching Assistant

January 2020 - May 2020

- Held weekly office hours to assist students in understanding command line, memory concepts, C/C++ programming, etc.
- Graded 10 students' written homework and C/C++ programming assignments bi-weekly

LEADERSHIP EXPERIENCE

LEHIGH UNIVERSITY COMPUTER SCIENCE AND BUSINESS ASSOCIATION

Bethlehem, PA

Professional Development Chairman

April 2020 - April 2021

- Planned and executed monthly recruiting events for Computer Science and Business students
- Communicated with recruiters on behalf of the Association

Secretary

April 2019 - April 2020

- Planned and executed workshops and social events for Computer Science and Business students
- Recorded meeting minutes and voting results at weekly Association meetings

PROJECTS

DISTRIBUTED CONTENT LICENSING FRAMEWORK

August 2021 - Present

- Design and implement a blockchain ecosystem for creative licensing using Hyperledger Fabric and Golang
- Implement and deploy an accompanying DAO on Polygon using Solidity smart contracts

CSB CAPSTONE PROJECT WITH SKILLION INC.

January 2021 - December 2021

- Designed and implemented a MERN stack webapp for maintaining a registry of electric bicycles
- Added features to Skillion's Android mobile app using Java and XML
- Worked in a team of four students in an agile environment

SKILLS

- **Proficient:** Java, JavaScript ES6+, TypeScript, React.js, Node.js, HTML, CSS, Git
- **Basic:** C/C++, SQL, MongoDB, X++, C#, Solidity, Golang, Docker