Alec Mitrokostas

99 Manor Avenue, Wellesley, MA, 02482 | (862)-621-3100 | apmitrokostas@gmail.com | alecmitrokostas.com

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 multiple 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 a permissioned blockchain ecosystem for creative content licensing agreements
- Implement design using Hyperledger Fabric and Solidity

CSB CAPSTONE PROJECT WITH SKILLION INC.   *January 2021 - Present*

- Design and implement a MERN stack webapp for maintaining a registry of electric bicycles
- Add features to Skillion's Android mobile app using Java and XML
- Work in a team of four students in an agile environment

SKILLS

- Proficient: Java, JavaScript ES6+, React.js, Node.js, HTML, CSS, Solidity, Git
- Working: C/C++, SQL, MongoDB, Typescript, X++, C#