

William A. Peracchio

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EDUCATION

Lehigh University, Bethlehem, PA

Master of Science in Computer Science

Expected May 2021

Bachelor of Science in Computer Science & Business

Expected Dec. 2020

Cumulative GPA: 3.97 | **Major GPA:** 4.00

Minors: Data Science, Entrepreneurship

Certificate: Global Citizenship

Courses: Analysis of Algorithms, Data Structures, Software Engineering, Data Science, Blockchain Algorithms, Database Systems, Computer Applications in Business, Entrepreneurial Ventures Capstone, Women in Technology Seminar

Honors: Tau Beta Pi Engineering Honor Society, Rossin Junior Fellow, Lehigh University Founder's Scholar, Lehigh University National Merit Scholar, PwC Lehigh CSB Scholar, Dean's List

PROJECT

Preff – Flutter, MeteorJS, Apollo GraphQL, NodeJS, React

www.preff.menu

- Full-circle customer relationship management solution for restaurant managers, integrated with end-users as a dining-centric meetup app to facilitate word-of-mouth sales
- Researched market landscape and customer needs; developed prototype backend
- Winner of the Baker Institute's Eureka! Ventures Pitch Competition, Stage 2 (March '18), Stage 3 (September '18), Joan F. & John M. Thalheimer '55 Grand Prize and the Michael W. Levin '87 Advanced Technology awards (April '19)

EXPERIENCE

Blockchain Research Intern, PwC Czech Republic, Prague, Czech Republic

May 2019 – June 2019

- Evaluated different enterprise blockchain and distributed ledger technology solutions for internal and external use for PwC Czech Republic's Assurance department
- Developed a plugin using VBA and Hyperledger Composer for Microsoft Excel that allows for workbooks to export to and import from a distributed Hyperledger Fabric network

Intern, Commvault, Tinton Falls, NJ

Sept. 2016 – Jan. 2017

- Developed localization script for global logistical reporting using Python's XML ElementTree
- Detected and analyzed coding bugs and algorithmic efficiency in pre-existing programs

LEADERSHIP

Gryphon (Residential Assistant), Office of Residence Life

Aug. 2018 – Present

- Managed 28 residents during the 2018-2019 academic year, serving as a mentor, resource guide, and policy enforcer
- Coordinated hall programming events for students in conjunction with 5 other Sayre Park Apartment Gryphons

Lead TRAC Writing Fellow, Center for Innovation in Teaching and Learning

Aug. 2018 – Present

- Worked with 15 students to help improve their writing for Intro to Business class; worked with 28 students through two sections for Business Ethics class to help further students' persuasive writing abilities
- Revised and edited student papers centered around their professional development goals, personal identity, and ethical decision-making in a business context
- Lead writing fellow for Introduction to Engineering Practice course for Fall 2019

President, Computer Science & Business Association

May 2018 – Present

- Mentored 41 first-year students with their transition from high school to college, including academic advising and help in furthering their professional goals through on-campus resource connection
- Coordinated professional development events to help students learn about new technologies and help improve their programming and professional abilities, featuring topics such as blockchain and personal branding

Vice-Chief Engineer, Sigma Phi Delta Engineering Fraternity

Dec. 2017 – Present

- Creation of engineering major interactive flowcharts for different engineering departments
- Managed professional component of the fraternity through coordination of various career development, cultural, fundraising, and philanthropic events around campus in conjunction with other student and administrative groups

SKILLS

- **Proficient** – JavaScript ES6+, Java, Python, NodeJS, SQL, HTML5, CSS3, Git
- **Comfortable** – Express, C++, C, MongoDB, TypeScript, Hyperledger Fabric, Hyperledger Composer
- **Familiar** – Angular, Solidity, Apollo GraphQL, React, Scala, MeteorJS, SAP, IDEA, Postgres, Bootstrap

ACCOMPLISHMENTS

Winner, Blockchain Design Prompt, Lehigh Valley Hacks

April 2018

- Designed and prototyped an easy-to-use, fully functional virtual wallet device that allows transfer between ERC20 cryptocurrencies

1st Place, Wharton Undergraduate FinTech Hackathon Competition

Feb. 2018

- Designed and prototyped a money-management solution aimed at consumers for easy-to-use peer-to-peer lending

Technology Student Association

Sept. 2014 – June 2017

- 2016 & 2015 – 1st Place New Jersey State TSA – Computer Numerical Control
- 2017 – 1st Place NJ State TSA, 4th Place National TSA – Computer Integrated Manufacturing