

EDUCATION

Lehigh University, Bethlehem, PA **Expected May 2019**

- **B.S. Computer Science & Business**, a Lehigh-unique degree accredited in Computer Science & Business.
- **GPA:** 3.84/4.00.

SKILLS

- **Proficient/Working-Level:** Scala, Java, SQL, Angular 2+, React.js/JavaScript, MaterializeCSS.
- **Prior Experience:** Node.js, R, HTML/CSS, Python, C++, C.

EXPERIENCE

Twitter, Software Engineering Intern, San Francisco, CA, **Timelines Infrastructure** **Summer 2018**

- Led product additions to home timeline through entire lifecycle, designing the **Thrift** and **JSON** additions, then implemented the infrastructure changes across 3 services in **Scala**.
- Reduced load of calling **Timelines API** by allowing consumers to specify the response data they want.
- Performed refactor which spanned 6 codebases, significantly simplifying logic and making code modular.

Dolomite (Cryptocurrency Startup), Backend Tech Lead, Remote **Summer 2018**

- Manage/mentor 2 developers working on **Scala** backend using **Play! Framework**.
- Set up core infrastructure and design, providing easy-to-use abstractions for other developers to use.

Teaching Assistant, Software Engineering, Lehigh University **Fall 2017**

- Mentored 6 teams of 5 as they learned to build an internal social media platform.
- Wrote tutorial on sending CORS requests, reducing student compile/launch/test cycles by 2 minutes.

Twitter, Software Engineering Intern, San Francisco, CA, **Onboarding Engineering** **Summer 2017**

- Built backend infrastructure in **Scala**, allowing any team to send in-app prompts to ~500,000 users/day.
- Interacted between multiple micro-services using **Thrift** to create remote procedural calls across teams.
- Reviewed ~1,000 lines of full-time employee code per week.
- Wrote design documentation for changing requirements, working across multiple teams for approval

PROJECTS

NextdoorTutor, Founder, LUApps Winner <https://www.nextdoortutor.org> (in maintenance)

- **1st place winner** of 2017 LUApps competition & recipient of Leonard Memorial Prize (**\$20,000**).
- Developed frontend and backend infrastructure in **Angular** and **Java, SQL**, respectively, for an application which allows students to find private tutors on campus that fit their specific needs.
- Achieved ~130 users, 30 tutors, and 50 tutor-student meet-ups.

WonderWallet (Ethereum Wallet), Hackathon Winner <https://eth-wonder-wallet.herokuapp.com>

- **1st place winner** of Lehigh University Spring 2018 LVHack company sponsor challenge.
- Created an Ethereum and ERC20 **crypto-wallet** in **React.js** using **web3.js**; allowing users to create an encrypted keystore file, send ether/ERC20 tokens, and view their token balances.

Lehigh Assistant, LUApps Winner <https://github.com/lehighjcut/LehighLive>

- **1st place winner** of 2018 LUApps competition. Voted best app by students, professors, Lutron, and SEI.
- Wrote **Node.js** backend and **Google Dialogflow** intents to create an IoT application integrating with Google Assistant, allowing students to get answers to Lehigh-specific questions quickly.

LEADERSHIP EXPERIENCE

Computer Science & Business Association, President, Past Vice President **2015 – Present**
Office of First Year Experience, Orientation Leader **2016 – 2017**