

Alyssa Gallagher

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Current Address:
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248 Medford Mount Holly Road
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EDUCATION

Lehigh University, Bethlehem, PA
B.S. Computer Science and Business
Cumulative GPA: 3.43/4.00

May 2018 (Expected)

Dean's List: Fall 2015, Spring 2016

WORK EXPERIENCE

Johnson & Johnson – New Brunswick, NJ

June 2017-August 2017

Enterprise Technology Corporate Services Intern

- Increased speed of network requests and saved bandwidth on the J&J Official 7 Minute Workout App by simplifying REST API endpoints through removing fields of objects not relevant for the request and eliminating instances of repetition in http requests
- Created and presented a mapping of the internal Financial ERP Applications showing capabilities of and my suggestions to invest in, tolerate or eliminate each application

Radwell International – Willingboro, NJ

June 2016-August 2016

Summer IT Intern

- Designed and developed new techniques for quality assurance testing for website and mobile applications
- Generated test data via programs in order to prepare for deployment of new architecture
- Researched Enterprise Social Networks and provided concluding recommendations to Vice President

PROJECTS & AWARDS

The Buzz App

February 2017 – May 2017

- Worked with Android Studio implementing Java and XML code to develop backend and Android for a Lehigh University social media mobile app for students to communicate via newsfeed posts
- Used Spark Framework to develop JSON REST API and consumed REST APIs using Retrofit
- Used OAuth 2.0 for Google Authentication, Google Places API for adding location check-ins to user posts, and Google Drive API to add images to posts which were displayed using the Glide Library

Rent-a-Lemon Rental Car App

March 2017

- Used SQL and JDBC to design, create and populate a car rental database along with several user interfaces to it

LU Apps Winner

May 2017

- Awarded 1st place of 12 teams in the Lehigh University app-building competition judged by Google representatives and Lehigh professors for “The Buzz”

“Micro-C” Compiler

2016

- Developed a miniature compiler in C++ for a contrived language “Micro-C”
- Built a Lexer class that read in user input, interpreted each character and generated Tokens that were passed to the Parser to determine the grammatical structure with respect to “Micro-C” and build data structures accordingly

LEADERSHIP EXPERIENCE

President of Women in Computer Science

April 2017 – present

- Lead biweekly executive board meetings to organize club schedule including meetings, activities and events
- Increased membership by 15% by personally pitching the club to classes of Computer Science students
- Communicate with representatives of similar Lehigh clubs to collaborate on joint events

Computer Science and Business Mentor

August 2016-present

- Offer guidance regarding classes and extracurricular activities in biweekly meetings with a first year student to ensure a positive and productive educational experience

Outdoor Adventure Program Head Coordinator

February 2017-August 2017

- 1 of 4 head coordinators to plan and lead a 3-day leadership and communication skills building trip to the Pocono Mountains for 100 incoming first year students along with 20 upperclassman student leaders
- Created pre-trip workshops for the student leaders, providing them with best practices of welcoming first years, being empathetic, and dealing with tough questions and situations in a diplomatic way

Professional Development Chair of Women in Computer Science

April 2016-April 2017

- Initiated and coordinated networking and career-growth events by personally reaching out to established women in the STEM field