

# Timothy Nguyen

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Permanent Address:

## Education

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**Swarthmore College**, Swarthmore, PA

Sophomore, Class of 2019

*Double Major:* Engineering & Computer Science

*Relevant Courses:* Adaptive Robotics, Data Structures & Algorithms, Computer Networks, Computer Systems

*Cumulative GPA:* 3.72/4.00

**Cheltenham High School**, Wyncote, PA

GPA: 3.91/4.00

## Experience

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**Software & Database Engineering Intern**

Summer 2017

*Morgan Lewis & Bockius – Philadelphia, PA*

- Developed a front-end tool with C# using a MVC for managing a SQL Server database responsible for all corporate servers.
- Produced SQL scripts for automation of backend tasks.

**Software Engineering Intern**

Summer 2016

*Ericsson – Piscataway, NJ*

- Enhanced and added numerous front & back-end features to a corporate android app.
- Developed a web application that works in conjunction with the android app and AWS using Javascript and REST APIs calls. Focused on parsing big data.

**Residential Assistant**

2017 - Present

RA's are selected juniors and seniors who manage and overlook specific residential halls. RA's are wholly responsible for the health and welfare of their residents and serve as liaisons between students and administration.

**Student Academic Mentor**

2016-2017

Student Academic Mentors, assigned to specific residential halls, immediately help students develop time management, overlook/aid course registrations, and develop professional skills for academic success.

## Projects

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**Ticket to Ride:** Built a low-level copy of this game using C++ with Java for graphics.

**Ericsson's Hackathon:** Built a navigation app that shows your exact location in a building and calculates/displays the shortest path to any meeting room.

## Technologies

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**Languages:** Python, C/C++, Javascript, SQL

**Technologies:** Visual Studio, Android Studio, Git, JQuery, Bootstrap, MSSQL, MATLAB