

# Sarah Dang

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## EDUCATION

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**Georgia Institute of Technology**, College of Computing, Atlanta, GA

**Aug 2015 – May 2020**

BS - Computer Science (Concentration: Information Internetworks & Intelligence)

- GPA: 3.49

**Relevant Courses:** Introduction to Object-Oriented Programming, Data Structures and Algorithms, Finance and Investments, Statistics and Applications, Applied Combinatorics, Intro to Artificial Intelligence, Systems and Networks

## PROFESSIONAL EXPERIENCE

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**Patientco**, Atlanta, GA, *Software Engineering Co-Op*

**May 2017 – Present**

*Provides a software and cloud-based solution for simplified patient payments.*

### Software Engineering Experience

- Used Node.js and PHP to build an Amazon Alexa Skill that allows users to make simple healthcare payments.
- Created a backend RESTful API along with a responsive front-end AngularJS application.
- Utilized and updated MySQL databases to store and update relevant patient information.
- Integrated Social Login with Google to patient landing page.
- Wrote front-end unit and integration tests along with backend unit tests with Selenium, Karma, and PHPUnit.

### Product Management Experience

- Managed a team of my peers in an agile environment on projects including Two-Factor Authentication, Text to Pay, and Social Login with Google.
- Oversaw weekly strategy and status meetings with managers to evaluate overall scope and progress of current projects.
- Assisted the product owner in research, developing product requirements, and building visual mock-ups for various projects throughout the continuous software development life cycle.

**JLA Global**, Albany, GA, *Lab Analyst*

**June 2016 – Aug 2016**

*Provides quality assurance and statistical quality control for the food and beverage industry.*

- Analyzed 500+ units of data using Microsoft Excel to find relationships between farming conditions and product nutrients such as protein and oleic acid.
- Prepared and gave presentations to management regarding discovered trends.

## LEADERSHIP EXPERIENCE

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**GT Vietnamese Student Association**, Georgia Institute of Technology, *External Vice President*

**Aug 2016 – Present**

- Coordinated large events with 500+ attendants such as Mid-Autumn Moon Festival and Annual Charity Dinner.
- Organized logistics and programming of Annual Charity Dinner which raised over \$7,000 for the Pacific Links Foundation, a charity that protects and educates victims of sexual assault in Vietnam.
- Maintained relations with members in the local, regional, and national level and served as IT Committee Member for the regional leadership conference.

**Georgia Tech Circle K**, Georgia Institute of Technology, *External Vice President*

**Aug 2015 – Present**

- Volunteered in over 150 hours at events both on campus and in the Metro Atlanta area.
- Helped raise \$370 for the St. Baldrick's Foundation and \$300 for project to cure Maternal and Neonatal Tetanus.
- Utilized spreadsheets to maintain attendance, volunteering, and administrative hours.

## PROJECTS

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**Client Desktop Application**, Epic Intentions

**Aug 2016 – May 2017**

- Volunteered with a team to create an application that efficiently maintains and updates a client database for the Georgia Justice Project.
- Utilized React and Redux on the front end to create the main client table and the client profile page.

## SKILLS AND ORGANIZATIONS

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**Technical:** JavaScript (Node.js, AngularJS, ReactJS), PHP, HTML, CSS, Python, Java, C, MySQL, Atlassian, Selenium

**Languages:** Vietnamese (intermediate), Korean (elementary)

**Campus Involvement:** Epic Intentions, GT Circle K, GT VSA, GT WebDev, Student Alumni Association, HackGT