

# Pravin Sivabalan

Looking for Summer Internship. Willing to relocate anywhere. U.S. Citizen. Interested in front-end web development.

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## Education

**Purdue University** – B.S. Computer Science, Minor in Business Management  
West Lafayette, IN – Class of 2020

**Mary Institute Country Day School** – H.S. Degree  
St. Louis, MO – Graduated 2016

## Experience / Project

**The GrapheneSource** – Contract Web Developer  
St. Louis, MO – May 2016 to August 2016

Part of a team of 2 that constructed the website from the ground up using **HTML, CSS, JS, PHP, and Bootstrap** to provide an informative as allow user to fill out order forms for purchase of quantities of Graphene.

**Gradlook** – Creator / Developer  
St. Louis, MO – January 2015 to February 2016

Part of team of four that developed the [Gradlook.org](http://Gradlook.org) website using Squarespace. Set up data systems for Gradlook's data set allowing students to learn more about post-grad opportunities.

**World Wide Technology** – Shadowed Lead Architect  
St. Louis, MO – May 2016

Participated in **Agile & Scrum** meetings while shadowing team that working in automation and frontend for customer portal. Learned about workflow (dev, test, prod) that software has to go through. Learned to use **GitHub** to collaborate and manage versions.

**Washington University in St. Louis** – Research Assistant  
St. Louis, MO – May 2015 to July 2015

Conducted **research** on the topic of "Techno-Economic Analysis of Coal Direct Chemical Looping Combustion using Aspen Plus". Wrote research paper and it received the LMI Aerospace Award for Excellence in Research.

**Parking Lot Tracker** – Full-Stack Developer  
St. Louis, MO – Spring 2016

Developed a program with a group of 3 that found free spots to make parking more efficient. Programmed Raspberry Pi to take and send pictures. Used a Java library that processed images and turned pixels that where edges white. Created algorithm in **Java** that found amount of white pixels in certain zones given coordinates. Built front-end website for user to find free spots.

## Involvement

**Debate Team** – President  
St. Louis, MO – August 2012 to May 2016

Led as president for 3 years of large growth in members and competitiveness. Developed research, communication, and leadership skills.