

# VINCENT PAN

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github://breadamonium linkedin://youliangpan

## EDUCATION

**Cornell University** – Ithaca, NY  
College of Engineering. Cum. GPA: 3.17/4.0

B.S. Computer Science  
Expected Graduation: May 2017

**River Hill High School** – Clarksville, MD

Graduated: May 2013

## WORK EXPERIENCE

**Belle Applications Inc.** – Startup in Ithaca, NY

June 2015 – August 2015

### Web Developer

- A grocery delivery startup company sponsored by the Life Changing Labs incubator program.
- Worked on the backend development team to implement the basic features of the website, such as login system, registration page, email-verification sending service, chat functionality, and Stripe payment system.
- Created a unique matching algorithm to match deliverers with customers in PHP, along with storing of customer data and order information in a MySQL database.
- Co-wrote an Advanced REST API to exchange data between the web server and the mobile app to have cross-platform compatibility.
- Currently in the process of migrating server to Amazon Web Services.
- Web App Url: <http://www.belledelivery.com> | Apple Store Published App: “Belle Delivery”

**Intermediate Web Design (CS 2300)** – Cornell University, Ithaca, NY

January 2016 – Present

### Teaching Assistant

- Lead discussion sections to review current week’s material in a practical application.
- Graded quizzes and projects that were given to students in section.

**Knight Institute Writing Center** – Cornell University, Ithaca, NY

March 2014 – Present

### Writing Tutor

- Conducted tutoring sessions with students. Identified weaknesses in the writing piece relating to thesis assertions, organizational flow, argument development, and style.
- Worked over the summer part-time as a writing tutor for the Pre-freshman Summer Program at Cornell
- Taught as a language tutor for ESL and international students to improve their grammar.

**NASA, Goddard Space Flight Center** – Greenbelt, MD

June 2012 – August 2012

### Lab Intern

- Tested and obtained data from a LiDAR remote sensing device in vacuumed and various temperature controlled environments.
- Used Matlab to obtain voltage and temperature data from a laser emitting device that paired with the LiDAR sensor.
- Graphed thousands of data vectors using excel macros and created a poster presentation for the internship fair.

## Relevant Coursework

## Programing Skills

### Completed:

- Functional Programming (CS 3110)
- Databases (CS 4320)
- Computer System Organization and Programming (CS 3410)
- Intermediate Web Programming (INFO 2300)
- Discrete Math (CS 2800)
- C++ Programming (CS 2024)
- Unix Tools and Scripting (CS 2043)
- Object Oriented Programming/Data Structures (CS 2110)
- Python Programming (CS 1110)

- **Proficient (1000+ lines):**  
Java, Python, CSS, HTML, PHP, MySQL, Bootstrap
- **Familiar (300+ lines):**  
C++, OCAML, C, Javascript, R, Latex, Unix Scripting, Ruby on Rails, Node.js, Matlab

**Current Semester Planned Coursework:** Algorithms, Machine Learning