Philip J. Vasseur

CONTACT INFORMATION		
	94 Van Dyke Road	Mobile: 732-567-9600
	Princeton, NJ 08540	philip.vasseur@yale.edu
	linkedin.com/in/philip-vasseur	github.com/philvasseur

SKILLS

Proficient Languages: Java, Swift, Racket   **Familiar Languages:** Python, C, Git, LaTeX
Other: AWS DynamoDB, Google Firebase, Microsoft Office, Photoshop, French (Dual Citizenship)

EDUCATION

Yale University, New Haven, CT
Degree: *Bachelor of Science in Computer Science*, (August 2016 – May 2020)
- Overall GPA: 3.82, Major GPA: 4.0
- Relevant Coursework: Data Structures and Programming Techniques, Introduction to Computer Science, Linear Algebra and Matrix Theory, Multivariable Calculus

Princeton High School, Princeton, NJ
Highest Honors Diploma, (September 2012 – June 2016)
- GPA: 4.5 (Top 3%), ACT: 36
- Relevant Coursework: Intro to Python, Intro to Java, AP Computer Science, Algorithms and Data Structures, Program in Algorithmic and Combinatorial Thinking
- Awards: Gold Key Award for Leadership (1 of 30 recipients out of 400), AP Scholar with Distinction

PROJECTS

YaleGrill, New Haven, CT
github.com/philvasseur/YaleGrill - Swift (December 2016)
- Created an iOS app to order food from the Yale Dining Hall grills.
- Implements Google's Firebase SDK, allowing for realtime database updates and authentication.
- Lets the user choose the dining hall and uses location services to recommend the closest dining hall.
- Allows the cooks to begin orders right away and notify students when their food is ready.

Content-Aware Image Resizer, Princeton, NJ
github.com/philvasseur/ImageResizer - Java (May 2016)
- Created a scaling tool that resizes images by removing the least 'important' content.
- Calculated the 'energy' of a pixel from a formula which took into account the adjacent pixels.
- Implemented Dijkstra's algorithm to find and then remove the lowest energy path.

PitchStart, HackRU, NJ
github.com/philvasseur/PitchStart - Java (October 2015)
- Developed an Android app at Hack Rutgers to give starting pitches for a cappella.
- Parsed vocal input with Google's voice recognition API and played the requested notes.

PROFESSIONAL EXPERIENCE

Premier Supplies, New York, NY
Information Technology Intern (June 2016 – August 2016)
- Performed daily tasks to maintain the servers and troubleshot technical issues for thirty co-workers.
- Connected and set up the company's servers, computers, and printers after moving offices.
- Chosen as July employee of the month.

Freelance work on "Cranbury Deliveries", Cranbury, NJ
Developer (May 2016)
- Worked on a project to add an online order and delivery option for local restaurants.
- Developed a python script on a raspberry pi to retrieve, format and print online order information.

EXTRACURRIC. ACTIVITIES

Yale Student Technology Collaborative, New Haven, CT
Technician (December 2016 – present)
- Help students solve their IT problems via a walk-in troubleshooting office.
- Fix hardware problems in students' computers by repairing or replacing malfunctioning parts.

Jonathan Edwards College Council & Social Activities Committee, New Haven, CT
Chair (JESAC), Freshman Class Representative (JECC) (September 2016 – present)
- Discuss relevant school issues and organize student activities in conjunction with the administration.

Program in Algorithmic and Combinatorial Thinking, Princeton University, NJ
Student (June 2015 – April 2016)
- Selected as 1 of 40 out of 400 applicants for a theoretical computer science course.
- Studied graph theory, set theory, logic, combinatorics, and other topics in discrete mathematics.