Rajalakshmy Iyer

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GPA: 3.61/4.00

EMPLOYMENT

Teaching Assistant	**Purdue University**	**Fall 2015 —**

- Instructed an online high School course for AP Computer Science
- Job Responsibilities: Graded Exams, Assignments & Projects; Recorded Project-Solution Walk-throughs; Worked with 6 other TAs to develop and publish online curriculum on edX.
https://www.edx.org/course/ap-computer-science-java-programming-purduex-cs180-1x

EDUCATION

Purdue University	**West Lafayette, Indiana**	**May 2018**

- B.S.E in Computer Science — GPA: 3.42
- Concentration in Software Engineering & Machine Intelligence — GPA: 3.50 & 3.00
- Minor in Mathematics & Statistics — GPA: 3.00 & 3.50

Computing Courses: Object Oriented Programming in Java; Programming in C; Data Structures & Algorithms; Computer Architecture; Software Engineering; Competitive Programming; Information Systems; Systems Programming; Web Info Search & Management; Intro Analysis Algorithms

TECHNICAL EXPERIENCE

- **Interactive Resume Website | iyer18.github.io | HTML, CSS, JS**   July 2016
A personal website that allows me to display my work to an audience while also allowing me to practice my coding skills.
- **Travel Log IOS Application | Nomad | Swift, Xcode**   May 2016
iPhone App that documents journeys by pining images and descriptions at specific coordinates on a map like a travel scrapbook. This was a team project where we used the Agile SDLC model.   Mar 2016
- **University Course Management DataBase | Java, SQL**
This system provides some basic course management tools to help professors and students. The app supports 3 kinds of users: Admin, Faculty and Students. The database maintains information about faculty, students, departments, classes, enrollment, evaluations and grades of students.   Feb 2016
- **Flight Route Planner | C/C++**
Algorithm that graphs and finds the cheapest path between any 2 airports and a path that goes through all the possible airports available. This algorithm can graph and solve at least 2GB worth of raw data(airports & routes)

LANGUAGE & TECHNOLOGY

- **Coding Language:** Java; C; C++; Swift; HTML; CSS; JavaScript; SQL
- **Operating Systems:** Linux/Unix
- **Software:** Xcode; IntelliJ; Visual Studio; FileMaker Pro; Adobe Photoshop
- **GitHub:** github.com/iyer18 ; **LinkedIn:** www.linkedin.com/in/rajalakshmy-iyer-6a74203a

AWARDS

- **Google IgniteCS -** Grant for Mentoring in Computer Science   Feb 2016
- **Dean's Honor List and Semester Honors**   Apr 2015