Joseph Lee

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School Address
200 Sunset Terrace
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Objective: Hardworking, flexible, ambitious student seeking a summer internship in the field of computer systems or electrical engineering.

Education:

Rensselaer Polytechnic Institute, *Troy, NY*   **Expected May 2017**
Bachelor of Science Degree in **Computer Systems and Electrical Engineering**
Cumulative GPA: **3.69 / 4.00**

Professional Experience:

Rensselaer Center for Open Source Software   **Aug. 2014-Present**
- WhiteBoard – an open source academic dashboard for tracking grades, homework, and scheduling school work
- Familiar with Git and team based projects

Technical Skills:

Programming Languages: C++, C, Python, HTML, CSS, Java
Skills: Siemens Nx7.5, Minitab, Microsoft Office, LaTex

Leadership and Activities:

Student Orientation Advisor   **June 2014 - Aug. 2014**
- Worked with 25 other advisors to introduce the 1400 incoming freshmen, 134 transfer students, and their parents to the Rensselaer community
- Facilitated group audiences ranging from 20 to 700 parents and/or students
- Received training in public speaking, diversity, LGBTQ, and additional services

Math Mentor   **Aug. 2014– Dec. 2014**
- Lead Calculus quiz blocks, taught basic calculus, and administered quizzes
- Prepared instructional materials and classroom displays
- Assisted students with time management and finding resources on campus

Resident Student Association -Executive Board   **April. 2013 – Present**
- Liaison between the Resident Student Association and off-campus students.
- Serve as a voice for the students living off campus and the Greek community
- Plan and coordinate programs for students.

Eta Kappa Nu - Corresponding Secretary   **Dec. 2014 - Present**
Lambda Chi Alpha Fraternity Brother   **Sept. 2013 – Present**

Notable Coursework:

Data Structures
- Design and use of the C++ standard library implemented in real-world inspired problems.
- Utilized linked lists to write an algorithm to solve the stable matching problem between student's and school's preferences.
- Utilized pointers and dynamically allocated memory to store a collection of data for frequent read and write access to this organizational information.

Embedded Control
- Programmed and wired an electric car using a microprocessor to follow the magnetic current in the room.
- Simultaneously developed the hardware and software of one or more target systems during the semester.

Principles of Software
- Studied and implemented concepts in software design, testing, and the software development process.

Computer Components and Operations
- Designed circuits using registers, buses, arithmetic logic units, and control units.
- Studied boolean algebra, minimization, and synthesis techniques for combinational and sequential logic.