Christopher lee

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| Summary |  | Developing **engineer** and **software developer** seeking opportunities to contribute to a dynamic organization while expanding my skill set. |  |
| Education |  | * 1. **FRANKLIN W. OLIN COLLEGE OF ENGINEERING**  **- - - - - - - - - - - - - - - - - - - -**   Engineering with a Concentration in Computing – GPA: 3.76 - Class of 2015   * 1. **COMPUTER SCIENCE – COURSEWORK <<** Computer Systems (OS/Middleware), Software Design (Python, Design), Mobile Prototyping (Android, Java, SQLite), Foundations of Computer Science (Ocaml, CS), Principles of Engineering   2. **DESIGN – COURSEWORK <<** User-Oriented Collaborative Design, Human Factors Interface Design, Software Design |  |
| Skills |  | * 1. **PROGRAMMING - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -**   *Languages (years of exp.) –* Python(3) , Android Development in Java(1), Web Development in HTML/CSS/JS(3) and Ruby on Rails(0.5), Coursework and hobby in C/C++ (2)/OCaml(1)/Arduino(2), and simulations in MATLAB(3) |  |
| Experience |  | * 1. **RESEARCHING ELECTRIC VEHICLES AT OLIN (REVO CLUB)**   2. **INTEGRATION: - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - Sept 2013 -Present**  1. - Managed integration of sub-teams of ~30-member club 2. - Sub-teams include: Chassis, Sensing, Power train 3. - Current project is an electric go-cart    1. **SENSING: - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - Sept – Jun 2012** 4. - Worked on hall-effect speedometer for an electric bike 5. - Worked on displaying sensor information 6. - Team Project was an electric bike |  |
| **RESEARCH ASSISTANT - COLLECTIVE MOTION IN BACTERIA: Jun – Aug 2013**  - Worked with Professor Rebecca Christianson and Professor Jean Huang to study the behavior of bacteria undergoing collective motion  - Worked on image processing and particle tracking of bacterial cultures  - Python – Image Processing, Data Analysis |
|  | **RESEARCH ASSISTANT - COLLOIDAL CRYSTALLIZATION: - - - Sept – Jun 2012**  - Worked with Professor Rebecca Christianson to create 3-D real time visual simulations of the crystallization of colloids undergoing Brownian Motion  - Python – Simulations and Animations |  |
|  | * 1. **PEER TUTOR, COURSE ASSISTANT (Olin College) - - - - - - - - 2012 - Present**   2. - Offered extended lectures, one-on-one tutoring, and project guidance.   3. - Software Design, MATLAB, Classical Mechanics, and Foundations of Computer Science.   4. - Advised by: Mark Somerville and Alison Black |  |
| * 1. **AID: INTERNATIONAL ENGLISH TEACHER**  **- - - - - - - - - - - - - - Jun – Aug 2011**   2. - Overseas Chinese Affairs Council - volunteer-based overseas leadership program   3. - Taught English language and American culture to rural GuoXing middle school |