Phillip Steiner

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# Education

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| Loyola Marymount University Bachelor’s in Computer Engineering Candidate | Los Angeles, CA  Expected May 2021 |
| The Gary and Jerri-Ann Jacobs High Tech High High School Diploma | San Diego, CA  June 2017 |

# Skills

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| **Software:** Adobe Creative Suite, Microsoft Office, Google Apps and Gmail, Autodesk Inventor, Solidworks, Atmel Studio  **Programming Languages:** Javascript, Java, C, C#, Python, Batch, Matlab |

# Projects and Work Experience

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| **Undergraduate Research** under Dr. Asghari at LMU, Spring 2018 - Present   * Designing both hardware and software for a compact, inexpensive, and easy-to-implement laser pump controller module * Created software and system design for an initial prototype based off a Raspberry Pi * Currently working on the hardware design aspect of a second prototype to improve upon the difficulty of use of the first model * Laser control system needed to reduce cost and learning curve for research in photonics laboratory   **Communications Assistant** with LMU’s Media Relations Department, Spring 2018 - Present   * Responsible for analyzing and summarizing news relevant to the university twice a week * Regularly edit and post event advertisements on online event services (e.g. Yelp, Patch, EyespyLA, etc.…)   **Halloween Costume Project**, Fall 2018   * Fabricated a pair of motion sensitive wicker LED bracelets * Utilized two three axis accelerometers to detect and translate directionalized motion onto addressable LEDs embedded in the wristlets   **Proximity Response Board Project**, Fall 2016 - Summer 2017   * Designed and fabricated a functional 2x4 foot LED panel that lights up individual segments in response to object proximity by measuring reflected infrared light. * Worked with school faculty to install panel and ensure it satisfied applicable regulations |