

# Zekun Wang

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## Objective

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I am a second year student at UC Berkeley looking to intern at a biotech or tech company to further my interest in synthetic biology and bioinformatics.

## Education

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### University of California, Berkeley

Bachelor of Science, Bioengineering, Minor in Computer Science | GPA: 3.15

Expected May 2017

## Programming Languages

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- MATLAB
- Java
- Python
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## Wetlab Skills

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- PCR
- DNA gel electrophoresis
- Cultivating bacterial cultures
- Transforming bacteria
- Creating LB agar plates with various antibiotics
- Designing Oligonucleotides for PCR

## Experience

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### Research Intern

Berkeley Biolabs with Dr. Ron Shigeta, Harvard Medical School

June 2014-December 2014

- Identified and isolated circadian promoters in plants.
- Analyzed data from microarrays
- Worked with SnapGene to simulate the insertion of a PCR product into a plasmid
- Worked with Biopython to obtain the sequences of specific fragments of DNA
- Work was part of a collaboration between Berkeley Biolabs and the Glowing Plant Project based in San Francisco

## Technical Courses

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- Data Structures in Programming
- Metabolic Engineering in Cells
- Biophysical Chemistry of Proteins, DNA, Enzymes, Electric Potential Across Cell Membranes
- Organic Chemistry

## Soft Skills

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- Fluent Oral Mandarin Chinese
- Teamwork
- Resourceful
- Independent

## Interests

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- Member of the Argentine Tango Club of Berkeley
- Former Volunteer at Rancho Penasquitos Public Library
- Former Volunteer Community Clarinet Tutor