

Ted Xiao

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Current Address

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Permanent Address

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OBJECTIVE

I am seeking a summer technical internship in order to develop practical experience in real world applications, focusing on back-end or full stack development.

EDUCATION

University of California, Berkeley

B.S. Electrical Engineering and Computer Science

GPA: 3.7

May 2017

Relevant Coursework: Structure and Interpretation, Data Structures, Computer Architecture, Signals and Systems, Linear Algebra, Multivariable Calculus, Discrete Mathematics, Algorithms

RELEVANT EXPERIENCE

Voyager Consulting

Berkeley, CA

Operations Manager

September 2013 – Present

- Worked with Twitch on research and strategy consulting focusing on live streaming monetization
- Conducted market research, focusing on competitor and industry analysis, for Warby Parker
- Oversaw marketing and recruiting strategies, including website redesigns, interviews, and advertisements

Schilling Robotics

Davis, CA

Software Engineering Intern

May – August 2014

- Implemented a GUI overhaul on telemetry status indicators using WPF
- Developed a comprehensive testing solution for ROV autopilot testing with XAML/C# and C++
- Led a team developing automatic full stack configuration updating using C# and Powershell scripts

Intel

Sacramento, CA

IUEE Summer Internship

June – August 2013

- Designed mobile and web applications to aid non-profit organizations in the greater Sacramento region, using HTML5 and JavaScript.
- Programmed an autonomous quadcopter by implementing feedback loops in Processing and Arduino.

Center for Urban Forest Research, USGS

Davis, CA

Research Assistant

June – September 2012

- Gained familiarity with the ArcGIS geographic information system and sampling of large urban datasets
- Researched efficiencies of different sampling designs and conducted statistical analysis on results
- Presented at the American Geophysics Union Fall Meeting, link to project available upon request

SKILLS & INTERESTS

- Programming Experience: Python, Java, Apache Spark, C#, XAML, WPF, HTML, CSS, JS, MATLAB
- Projects: Videogame AI, Tweet Language Interpreter, IRC Simulator
- Interests: UC Berkeley Roller Hockey, Hackathons, Chess, Consulting