**Seth Chang**

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As a dedicated Computer Science student with a deep passion for software engineering, machine learning and artificial intelligence, I am seeking an internship opportunity to learn and improve my technological skill sets while making positive contributions to your organization.

**Work Experience**

**Research Paper**

AI/ML

May, 2024 to Present

* Research Paper on Political Discourse Analysis (Python, PyTorch, Transformers)
  + Currently working with Paritosh Katre to publish a paper on few-shot intent classification for political discourse analysis. Using the PyTorch, Hugging Face, and Transformers libraries, I am using knowledge distillation to train an efficient model to pull intents from speeches for more accurate political discourse analysis.

**Yekola**

Full-Stack Development

May, 2024 to Present

* Yekola App (MERN Stack, Expo, Python)
  + Working with the frontend and backend team to create a polished mobile application using Expo React Native and a combination of Python and MongoDB database. Collaborated on Jira and Github to get code checked for tickets on issues such as data sanitization, encryption, and frontend tooling.

**OpenNLP**Website Development

May, 2024 to Present

* Nonprofit Website (ReactJS, MagicUI, ShadCN, NextJS)
  + Created a highly polished static website that utilizes React DOM Router to create a single page web application. Collaborated with a team to use Github for pull requests, version control, and hosted this website on an Azure VM with CI/CD architecture.

**Future Business Leaders of America (FBLA)**

Coding Competition

November, 2023 to Present

* Business Application (*VueJS, TailwindCSS, JavaScript, Python, MongoDB*)
  + State Level Second Place Winner (Category: Coding & Programming)
  + National Level Competition Qualified
  + Created a feature-rich business database lookup application which allows clients to view, modify and delete their business partners with ease, with integrated AI functionality to streamline and automate the CRUD processes. Also used Google Cloud, IBM Cloud, and other cloud-related services as well as CI/CD to make app production ready.
* Portfolio Creator (*React Native, NodeJS, MongoDB*)
  + State Level Second Place Winner (Category: Mobile Application Development)
  + National Level Competition Qualified
  + Developed a mobile portfolio application which allows students, or users in general, to create and share their portfolios across various social networks.

**XDimensional Technologies, Inc.**

Summer Internship

June, 2023 to August, 2023

* Policy Navigator (*VueJS, TailwindCSS, JavaScript*)
  + Developed a highly interactive database application which allowed users to see various statistics about the insurance policies that they are managing. Interacted with Jira to work with others on this project, also used Microsoft Office tools such as Teams, Sheets, Word, PowerPoint, and SharePoint to create and collaborate with coworkers.
* PDF Page Extractor (*C#, T-SQL*)
  + Developed a PDF web service handler which allowed users to extract one singular page out of an entire PDF document via a query string.

**UCI Medical Center**

UCI Urology Surgery Residency Summer Program

July, 2023

* ORganized Application (*HTML, JavaScript, CSS*)
  + Developed an application which aided surgeons in seeing which toolkits they had for each type of surgery.

**General Abilities**

Strong Communications, Analytical, Athletic, Musical

**Technical Skill Sets**

Java, C#, JavaScript, Python, Node.js, Vue.js, React JS, React Native, Expo, HTML, CSS, Microsoft SQL Server, MongoDB

**Awards, Certificates, and Extracurricular Activities**

* FBLA (Future Business Leaders of America)
  + State 2nd place (Coding & Programming)
  + State 2nd place (Mobile Application Development)
  + National Competition Qualified
* TEDx Talk Public Speaker Finalist
* Team USA - Theater on Ice - Lead Skater
  + National 2nd place
  + International 4th place
  + Double Gold Medalist
* SCJFL Debate Competition
  + Award Individual Speaker
  + 6th Team Place
  + 6th Individual Place
* RISE Youth Essay National Contest
  + 1st place in an essay competition
  + Essay published in national U.S. Figure Skating magazine
  + Awarded $1000
* Regional Piano Competition
  + MTAC Bach Regional 1st place

**Volunteer Work**

* Great Park Ice, Irvine, CA
  + Competition Receptionist
* Saddleback Church
  + Worked at food bank to provide food to families in need