**Elisa Jiménez Todd**

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**Education**

[Bachelor of Science in Computer Science](https://www.utep.edu/cs/)

[The University of Texas at El Paso (UTEP)](https://www.utep.edu/)

Expected: May 2022

Classification: Junior

GPA 3.89 Dean’s List

**Relevant coursework:**

Intro to Computer Science, Elementary Data Structures,   
Data Structures, Computer Architecture,   
Advanced Object-Oriented Programming, [Automata](http://catalog.utep.edu/search/?search=automata), [Programming Languages](http://catalog.utep.edu/search/?search=Design%2FImplementation+Prog+Lan.)

**Spring 2021:** [Operating Systems](http://catalog.utep.edu/search/?search=CS+4375.+Theory+of+Operating+Systems.), [Database Management](http://catalog.utep.edu/search/?search=CS+4342.+Data+Base+Management.)

**Programming Skills**

* **Languages:** Java, Python, C, Kotlin, TypeScript, HTML, CSS, XML
* **Frameworks:** Bootstrap
* **Libraries:** React
* **Other:** Android development, git version control, Linux terminal navigation, emacs

**Languages**

* Bilingual English and Spanish
* Intermediate French

**Experience**

**UTEP –** [**Instructional Assistant for CS fundamental courses**](https://www.utep.edu/cs/people/instructional_assistants.html)

*October 2019 – Present*

* Teaching and organizing skills providing study sessions to students
* Helping students understand and reach a solution to their CS assignments
* Objectively analyzing assignments and assisting with assignment grading

**Microsoft & Cyborg Mobile –** [**The New Technologists Summer Academy**](https://newtechnologists.com/)

*June 2020 – August 2020*

* Received online coaching and instruction from Microsoft employees on the product lifecycle
* Created an interactive web application using React for improving the Digital Literacy of elder people

**Google – [CS Research Mentorship Program Mentee](https://www.blog.google/outreach-initiatives/education/cs-research-mentorship/)**

*Oct 2019 – July 2020*

* Received online mentorship from Google research scientists in conducting and publishing research and preparing for graduate and PhD programs
* Networked with fellow mentees to learn about research events and opportunities

**UTEP –** [**Interdisciplinary Research Collaboration for Smart Cities**](http://ires.cybershare.utep.edu/)

*May 2020 – June 2020*

* Collaborated online to research security issues in the community of Guadalajara
* Designed an application to alert citizens about unsafe zones and events and provide them with safer routes

**UTEP –** [**Sociology and Anthropology department**](https://www.utep.edu/liberalarts/sociology-and-anthropology/)

*May 2019 – Oct 2019*

* Made the reconciliation reports every month for the department’s expenses.
* Managed the department forms, e-mails, calls, and messages

**Events, conferences, and projects**

[**Finalist on El Paso Strong Hackathon – Hosted by Microsoft:**](https://epstronghackathon.splashthat.com/)

*Feb 2020 at El Paso, TX*

* [Designed an app that gamified community engagement](https://devpost.com/software/passing-by) in El Paso by rewarding citizens who attended community events.

[**Great Minds in STEM Conference (GMiS, HEENAC)**](https://www.gmisconference.org/)

*Sept 2019 at Orlando, FL*

* Participated on the CAHSI Hackathon on Cybersecurity
* Attended workshops on Cybersecurity.

[**Personal projects:**](https://github.com/ElisaJTodd/Projects)

* Designed a [sudoku solver app for Android phones](https://github.com/ElisaJTodd/Projects/tree/master/Sudoku%20Solver%20App)