

# Jacie Mae Moninghoff

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I am a formally trained programmer with deep knowledge of object oriented languages (C++, Java, Python) and a professionally trained leader, skills which I combine to bring a new angle to tech development. My hope is to support the development of AI technologies in mental health fields through the intersection of people and programs. I work well in teams with a focus on organization, efficiency, future readability and intuitive design.

## Projects

### Davis Local Routing System / Programmer

NOVEMBER 2019

Developed a program to find shortest and fastest bus and walking path routing information between any two user specified locations in Davis CA.

### SoleMix / Designer, Programmer

MAY 2019 – JUNE 2019

Worked on a design team to develop wearable technology for dancers, a shoe which would produce sounds based on the wearer's movements, allowing them to dance their own music.

### Wrappable Linux Command Interface / Programmer

SEPTEMBER 2019

Replicated the Linux command prompt as a wrappable program, allowing for modifiable outputs and command revisions by future users and programmers.

### Lindy Focus LGBTQIA+ Experience Panel / Researcher

JUNE 2018 – DECEMBER 2018

Surveying of the experience of LGBTQIA+ dancers in the International Lindy Hop community. Organized International Panel at Lindy Focus 2018 to present findings, including statistics.

## Education

### University of California, Davis

Graduation: May 2021

Cognitive Computer Science

## Skills

C++, C, Java, Python, HTML5/CSS, Verilog

Git, Github, Unix/Linux Environments, PSP training

Leadership, communication, public speaking, and teambuilding training

Paired programming and group project management

## Accolades

Frankie Manning Foundation Ambassador

People To People Ambassador

National Merit Scholar

## Experience

### Beat The Blues Organizer

JUNE 2019 – AUGUST 2019

Member of the organizing board for Sundown blues, a Bay Area nonprofit which hosts weekly dance events, specifically Beat the Blues, and actively preserves African American Cultural Music and Dance artifacts.

### DISCOVERY

AUGUST 2010 – MAY 2015

Magnet program where students developed and carried out two research projects, including full statistical analysis. I 3D modeled a *Clione Antarctica* wing in order to test its aerodynamic properties, as well as studied reaction speed in humans under various external conditions.

### Youth Corps Leadership Training

AUGUST 2010 – MAY 2015

Multi year course including one year intensive leadership training, students completed a series of modules throughout the year designed to improve leadership, communication, public speaking, and teambuilding facilitation.

### Bloomsday Flowers CEO

NOVEMBER 2010 – FEBRUARY 2011

Acted as CEO of a Valentines Day Flowers company. Responsible for procurment of sales location, organizing and overseeing presales, scheduling delivery, manual flower arrangement training, and day-of sales at location.