

# Marty Jiffar

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## Work Experience

**Darktrace**, Los Angeles, CA  
*Cyber Technology Specialist*

*September 2020 - Present*

- Serve as the primary technical Darktrace resource for the IT and security teams of 30 clients on the west coast, accounting for \$5.5 million in total contract value (TCV), and assisting to close over \$1 million in new business over 12 months
- Deliver technical presentations to all levels of customer roles (CIO, CTO, CISO, etc.) in Proof of Concept sessions to demonstrate use cases and best practices in leveraging unsupervised machine learning software
- Provide post-sales client support to advise on security posture, troubleshoot issues, and provide relevant documentation
- Configure third-party integrations (with SaaS apps, SIEM/SOAR, EDR solutions, firewalls, syslogs, etc.)

**American University (Xiao Lab)**, Washington, DC  
*Computer Science Research Intern*

*August 2019 – January 2020*

- Built an algorithm in Python to randomly sample video triplets from a space of over 95 million combinations for an experiment comparing human perception of videos to a neural network's results
- Engineered a website in JavaScript and HTML/CSS and set up a virtual private server (VPS), allowing us to administer the experiment at a significantly faster speed and increase our data from 1500 video triplets to the desired 5000

## Education

**University of Chicago**, Chicago, IL

*September 2016 – August 2020*

- Bachelor of Arts in Statistics
- *Honors Include:* Dean's List (2017, 2018)
- *Relevant Coursework:* Machine Learning in Medicine, Computer Systems, Algorithms and Data Structures, Numerical Linear Algebra, Mathematical Probability, Applied Regression Analysis, Statistical Theory and Methods

GPA: 3.23/4.0

## Skills

- *Networking:* DHCP, DNS, virtualization (VMWare & HyperV), cloud (AWS/Azure/GCP), SaaS/PaaS/IaaS
- *Customer service:* Public & private sector, public-speaking, technical training
- *Programming:* Python, C, JavaScript, HTML
- *Data:* R, SAS, Excel, CSV/JSON

## Projects

**Mentr** ("Best STEM Education Hack", QWER Hacks 2020)

- Facilitates tech mentorship within historically underrepresented groups (eg. LGBT, women, etc.)
- Suggests matches based on shared interests, availability, and identity categories

**Factor** (PayPal Hack-Chicago 2019)

- Website prototype that rates companies based on their ethical practices, weighted by user's values (eg. wages, diversity)
- Rates the user through their transaction history, based on whether they are sticking to their beliefs

## Leadership

**Digital Observers**, Naknek, AK  
*Quality Control (QC) Technician*

*June 2018 – July 2019*

- Enforced quality requirements regarding the chilling, bleeding, and floating of over 1 million pounds of salmon for a fleet of 200 fishermen in Bristol Bay, the world's largest sockeye salmon fishery
- Lived on 100-foot long tenders for 5 weeks to collect and report quality data at the time of salmon delivery