UCIICS Career Development

SUMMER SKILL BUILDERS + RESUME BOOSTERS
Learn. Build. Contribute.

LEARN Something

- **Stackshare.io:** Explore top companies' tech stacks, trending tools, and browse jobs based on tech stacks!
  PRO TIP: Reverse engineer your job search! Check out your target company and build your skills (and resume) to align with their stacks/environment. This will give you an upper hand against your competition in the job market!
- **Stack Overflow:** A community-based, knowledge-sharing space for you to find answers to technical challenges.
- **Coursera** & **Udemy** (Free for UCI Students)**:** Expansive selection of courses on Cloud Computing, GenAI, Project Management, Leadership & Management and Personal Development; skills that help you stand out as an applicant.
- **Codecademy:** Check out their Machine Learning and Data Science courses, among many others.
- **Learn.Microsoft:** Take a course on Azure, GenAI, Bing, or follow a plan based on your desired Career Path (e.g. AI Engineer, App Maker, Data Analyst, Data Engineer, Data Scientist, Developer, DevOps, Security, Solutions Architect)
- **edX:** Education and learning platform founded by Harvard and MIT, their MicroMasters & XSeries Programs may help you be more competitive if you're looking into becoming more specialized.
- **Leetcode:** We all know by now we can never do enough Leetcode practice. =)
  - **Grind75**: Short on time? Customize LeetCode study plans according to your needs.
- **Scrimba**: Free, self-paced courses that helps you learn frontend skills like Tailwind CSS, Javascript, CSS Animations.
- **Attend a MeetUp or a Tech Conference:** Tight budget? Look for events later in the year and become a volunteer!
- Research **Top Tech Companies** + Learn their **Hiring/Interview Processes**: MAANG and many companies have amazing interview preparation resources. Review these to learn what they look for in their candidates.

BUILD Something

- **Build your Internship/Job Search Plan**: Download the Job Search Plan and get started!
- **Build an Online Portfolio:** If your LinkedIn profile is ready for Fall recruiting season, level up and build a portfolio to enhance your professional brand and online presence. Here are 6 tools and real examples.
- **The Dev Difference**: Sharpen your interview skills by practicing with AI-powered mock interviews. Build confidence, improve problem-solving, and prepare effectively for coding and system design interviews
- **Join a Hackathon:** Check out **devpost.com** to build products, practice skills, win prizes, and grow your network.
- **Join a Kaggle competition** to grow your Data Science skills and solve real-world Machine Learning problems.
- **Build a project on DevProjects:** There are mobile apps, web dev, automation and tools projects and there is an option to solicit the help from a mentor (at a cost) if you feel stuck, need pointers, or talk over your code.
- **Data Science Projects in Python:** This Udemy course is for UCI students to learn how to build DS real world projects.
- **10 Best Computer Science Projects to Hone/Implement Your Skills**: This hackr.io guide offers project ideas with different levels of expertise on topics such as app dev, algorithm design, database management, AI/ML, etc.
- **Practical Machine Learning Projects:** Walk through 8 hands-on machine learning projects using real datasets. Covering topics like deep learning, artificial neural networks, and data preprocessing, it's a great way to apply theory through practice!

CONTRIBUTE Something

- **Open Source Projects** – Consider the 3 ways you can contribute: (1) create your own, (2) create open source alternatives to commercial software, and/or (3) contribute to existing ones (how about your target companies?) Don't know where to start? Check out Github's Open Source Guides.
- **Volunteer and Donate your Time and Skills:**
  - VolunteerMatch, including their Virtual Tech Opportunities.
  - donate:code has high tech volunteering for good causes with immediate needs.
  - Taproot Plus allows volunteers to help non-profits with website design and app development.
  - Catchafire also has virtual volunteering for non-profits ranging from 1 hour to 9 weeks of time.