CS100:
Summer of Side Projects

Who We Are

David An
Sophomore in Math

Saurav Chittal
Junior in Math

Monica Para
Senior in CS + ADV

Drshika Asher
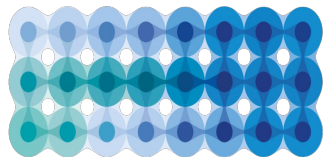Junior in CS

How did Summer of Side Projects begin?

All it took was the **CS125 forum**, a **dedicated course staff community**, and a drive to transform an **idea to reality**

About Summer of Side Projects

- **4 weeks, 4 projects (in Python)**
  - Chatbots
  - Flask APIs
  - Command Line Interface
  - PyGame
- **Personal and Professional Development**
  - How to Side Project
  - Personal Branding
  - Resume Reviews
  - How to Interview Prep
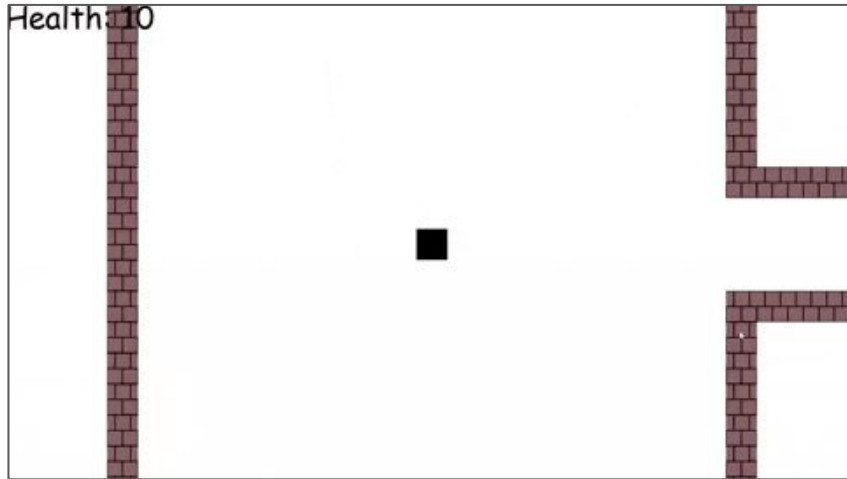 - IMC Recruiting Event

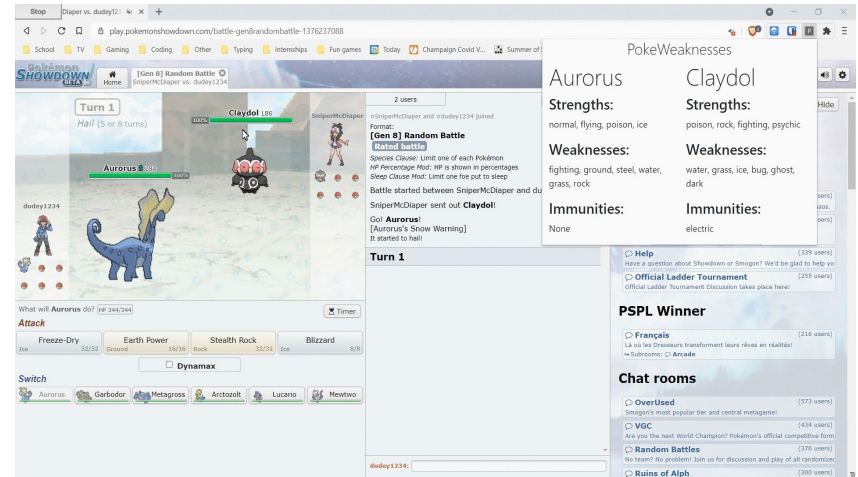## Program Sponsors

Sample Projects Made By Students

PySlayer - **Khanh Nguyen**

Dungeon Crawler with randomly generated rooms, enemies, projectiles and health.

PokeWeakness - **Eugene Jang**

Chrome Extension for Pokemon Showdown that shows the battle effective attack moves.

Personal and Professional Development

So, where do we begin?

- Internships are great ways to **get exposure into a field or company you are interested and helps with getting your foot into the corporate world** (think post-college)

- Biggest key you can do is to **focus on your personal and professional brand**

- **Aim for underclassmen opportunities** 🎯

- Ways to **build your portfolio**
  - Side Projects
  - Research
  - Hackathons

Some opportunities to check out!

Look into Frosh/Soph Specific Programs like internships, research, externships

- **UIUC PURE** Research
- **NCSA SPIN**
- **Anything @ Research Park**
- **Course Staff in CS classes**
- **RSOs**

- **Google**
  - STEP
  - Summer of Code
- **Meta** University
- **Microsoft**
  - Explore (SWE + PM)
  - New Technologist

Resume Advice

- Always **use black and white for your resume.** Blue is fine too. Any flashy color is a turn off - *Karen from HR will cringe*

- Make it on **Word Doc or LaTeX**

- **General Format to follow**
  - Header
  - Education
  - Experiences
  - Projects
  - Skills

Resume Advice

IMPORTANT NOTES:

- When you list relevant coursework, **DO NOT PUT IRRELEVANT COURSES**
  - *Karen from HR **DOES NOT CARE** if you took **BBQ Science** if you're applying for **SWE Internship***
  - *Karen from HR **DOES CARE** if you took **Data Structures** or **Systems Programming***
- Make sure everything is relevant and **QUANTIFY IMPACT and SPECIFY TOOLs where possible**
- **Use Word Doc or LaTeX (run thru ATS)**
- **Save file as "YourName LastName Resume".pdf**

EDUCATION

University of Illinois at Urbana-Champaign
B.S. Applied Mathematics

Expected Dec. 2023
GPA: 3.93/4.00

WORK EXPERIENCE

Ameren
Data Scientist

Champaign, IL
May 2022 - Present

· Instructed a team of 3 interns to conduct research into load monitoring and collect data with Python and SQL
· Created multiple SQL queries enabling efficient retrieval of over **200,000** customer records and user profiles
· Constructed various workshops to teach new Python skills such as scikit-learn and Tensorflow to other interns

How does our resume look like?

you + online

Linkedin Advice

- Think of it as your **resume but on social media**
- **Include any activities, experiences, awards, projects, etc** on there that you feel are relevant that won't be able to fit into your resume
- *Make custom linkedin url*
- What you *should* really focus on putting out there
  - The Headline
  - Experience
  - Education
    - **Only put UIUC, not your HS**
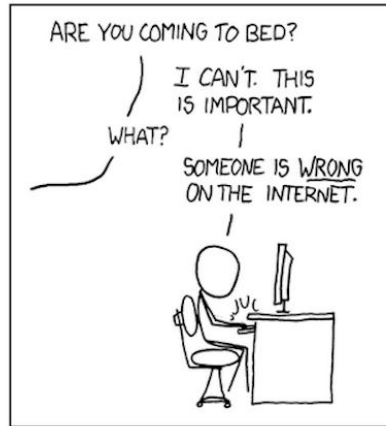 - Projects or anything that speaks best to you (research, article you wrote, etc)

you + running
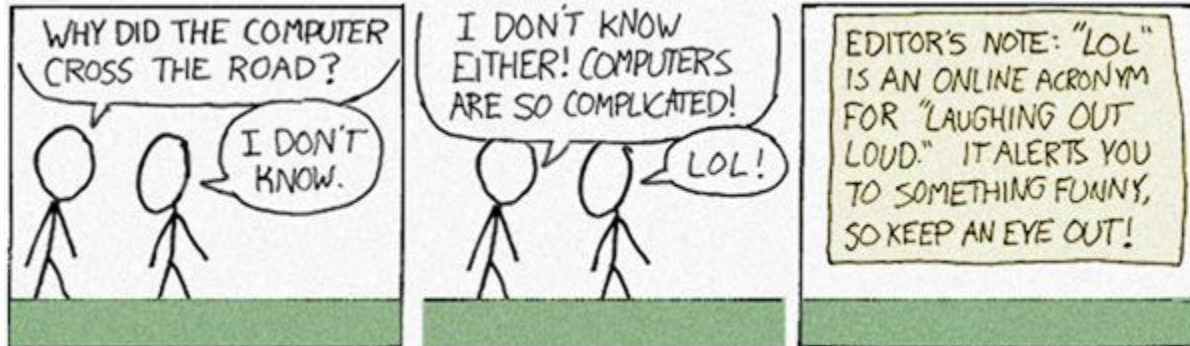
On empathy and being yourself

- You are your **own** advocate
    - Basically, you are your own billboard and advertising
- Empathy is an underrated tool
- Succeeding in any environment: **Humble**, **Hungry**, and **Smart**

The momentum of **running**

- College is a great place (we all know that)

- You get many opportunities thrown at you

  - Take any opportunity and **run** with it

- The grand path of life and the games you play

- The momentum of flywheels

Thank You!

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Connect with us!!