# Intro

## Welcome

We're glad you're here!

## Agenda

- 🌟 Orientation (~ 1 hour)
  - Bio break: 10 minutes
- 💻 Software Development lecture (~ 1 hour)
  - Bio break: 10 minutes
- 🙌 Interactive lecture (~ 1 hour)
- Lunch!

## Staff Roles

- Instructor
- Mentor
- Squad Leaders (Instructors and Mentors)
- Student Success Manager
- Career Success Coordinator
- Leadership

## Your Team

https://ed.devmountain.com/staff/

Time for staff introductions!

# Bootcamp Overview

## First 8 Weeks - Foundations

- The first step towards a role in technology
- A grand tour through the various areas of tech
- Building your vocabulary, basic technical literacy, and breadth of understanding
- Week 1: Coding Fundamentals 1
- Week 2: Coding Fundamentals 2
- Week 3: Front-End Web
- Week 4: Back-End Web & Security
- Week 5: Data & Databases
- Week 6: QA & DevOps
- Week 7: Computer Science
- Week 8: Conclusion & Specializations Prep
- Rigorous, packed schedule
- Live lectures
- Lots of structure
- Less flexibility
- Support from Instructors, Mentors, and Squad Leaders

## Second 8 Weeks - Specialization

- You'll learn skills that are unique to the role you are pursuing

- Build your portfolio, intermediate skills, and depth of understanding

Current Specializations offered:

- iOS - Swift

- Software Engineering - Python

- Software Engineering - Java

- Web Development - JavaScript

- Data Analytics - Python

- Cybersecurity

- Designed to develop your "on-the-job" learning abilities

- Intermediate role-specific content

- More flexible schedule

- Specially-chosen resources (recorded tutorials, lectures, exercises) to support your individual growth

- Support from Tech Leads, Subject Matter Experts, and your Student Success Manager

# Foundations Introduction

## Foundations Goal

Train *all* Devmountain graduates with the same solid base of technical skills and knowledge

## How?

- Teach you the things that all people in tech need to know

  - Data analysts

  - Developers

  - Quality assurance

  - Software engineers

  - etc.

- Based on the most impactful lessons from previous versions of our curriculum

- Based on the most common feedback that we get from employers

## What?

- How the internet works

- Basic parts of web applications and how they work together

- Guiding principles for the creation of high quality software

- Core activities of roles that work adjacent to engineers, such as DevOps, QA, Security

… and so much more

## What we hear from employers

*We are looking for…*

- "A software engineer **with a passion for QA**"
- "A web developer **that is thoughtful about design and UX**"
- "A data analyst **that understands the full stack**"

And the list goes on

## Foundations Curriculum Design

- We have chosen the most substantive, key concepts
- Hands-on work every single day
- Optional further study for those that want to dive deeper
- It won't be easy– but it will be do-able

## On Technology Stacks / Languages

- We'll see a lot of JavaScript and a bit of Python
- We'll use the command line as well as git and Github
- We'll cover basic SQL, HTML, and CSS
- The focus is on the **core concepts**, not on language quirks

**Everyone will walk away with knowledge that will be valuable in their specialization**

# Schedule

## Monday - Thursday

**All times are in Mountain or Eastern depending on your cohort**

| Time | Event |
| --- | --- |
| 9:30 am | Squad Meetings |
| 10:30 am | Lecture begins |
| 11:30 am | Bio Break |
| 11:45 am | Interactive Lecture |
| 1:00 pm | Lunch |
| 2:00 pm | Lab Begins |
| 3:00 pm | Help Queue Opens |
| 5:00 pm | Review |
| 5:30 pm | End of Day |

## Fridays - Eastern

A little different!

| Time | Event |
|---|---|
| 9:30 am | Assessment Intro |
| 10:00 am | Assessment Begins |
| 1:00 pm | Lunch |
| 2:00 pm | Assessment Review |
| 3:00 pm | Theory Lecture |
| 3:30 pm | End of Week Check-in |
| 4:00 pm | Outcomes Lecture |
| 5:00 pm | Social Acitivity |
| 5:30 pm | End of Day |

## Fridays - Mountain

A little different!

| Time | Event |
| --- | --- |
| 9:30 am | Assessment Intro |
| 10:00 am | Assessment Begins |
| 1:00 pm | Lunch |
| 2:00 pm | Outcomes Lecture |
| 3:00 pm | Assessment Review |
| 4:00 pm | Theory Lecture |
| 4:30 pm | End of Week Check-in |
| 5:00 pm | Social Acitivity |
| 5:30 pm | End of Day |

## Week 8

A little different!

- We'll close up the course
- We'll get ready for specializations

# Important Policies

## Attendance

- No more than 4 tardies

- No more than 3 absences

- If you are outside of the accepted range of tardies / absences, we will put you on academic probation

- If issues with attendance persist, you may be removed from the program

## Code of Conduct

https://ed.devmountain.com/materials/resources/code-of-conduct/

- We expect dignity and professionalism

- Staff and students should treat each other respectfully

- Students that are dishonest, disrespectful, or disruptive will be removed

- Zero tolerance policy for discrimination, harassment, or disrespectful language towards one another

## Ethics and Original Work

- Plagiarism is not permitted

- Do not claim other people's work as your own

- For quizzes / individual assessments, do not share your work with others

  - Collaboration is usually encouraged

  - We'll make it clear when you need to work independently

# How to Be Successful

## Bootcamps in a nutshell

"I'm not telling you it's going to be easy, but I'm telling you it's going to be worth it."

– Art L. Williams Jr.

## Do's

- Go all in, plan on studying before/after class
- Have fun 🎸
- Build friendships and connections
- Treat this like a job
- Every single exercise and project
- A clean, uninterrupted workspace
- Check Frodo and Discord regularly (turn on notifications)
- Be proactive!

## Don'ts

- Disrespect an instructor or interrupt class

- Have your phone out in class

- Play games or watch random videos

- Miss class (Contact via Discord)

- Interview for jobs prior to the end of class

- Make fun of, harass, or fight with others

- Consume drugs or alcohol while in class

- Plan on a normal social life

- Work a part-time or full-time job during this program

## During Class

1. Holistic attendance: cameras on, be presentable

2. Participation is a must

3. In need? Got a question? Want to chat? - Reach out via Discord

4. Check Frodo often so you don't get lost

5. Time management

6. Feedback Surveys

## What to expect from Staff

1. Expert teachers, excellent teaching assistants

2. A commitment to see you succeed

3. Lecture every day (unless we tell you otherwise)

4. Modern, project-based curriculum

5. Network + Alumni

## Be Prepared to Learn

- Find or make a place where you can attend class
- Distraction-free, clean, comfortable, and focus inducing
- Manage your time wisely
- Live a balanced life
- Be sure you are set up in Frodo and Discord
- Join Frodo
- Join Discord

## Own Your Learning

- Education vs Learning
- It's how this industry works
- Hands-on, Videos, and Reading
- Just scratching surface

## A Bootcamp Experience

- You can expect to truly struggle
- You can expect to feel behind
- You can expect to feel overwhelmed
- DO NOT COMPARE YOURSELF TO OTHERS

**We have only 16 weeks**

## Once more

⚠️ DO NOT COMPARE YOURSELF TO OTHERS ⚠️

## Dealing with adversity

❌ Give up

❌ Feel hopeless

❌ Blame others

⭐ Work hard

⭐ Stay positive

💡 Students who work the hardest and stay positive can often surpass their "more experienced" peers

## Tips for E-Learning

- Be able to communicate through writing or over the internet.

- Be thorough in reading the course content and class communications.

- Be active. Break up your schoolwork with walks and exercise. It will make a difference.

- Be self-motivated and self-disciplined. You are in charge of your success.

- Be willing to "speak-up". We don't know if you need help unless you tell us. You are not alone. Reach out.

- Be aware that high-quality learning can take place without going to a traditional classroom.

- Be aware of your motivations and make sure to keep them up.

- Be committed to making it work.

## General Tips for Learning

- Try not to take struggling personally, don't "should" on yourself.

- Do what keeps you mentally engaged.

- Stay organized! Have a system, whatever works for you.

- Collaborate with your peers via breakout rooms. Teaching others improves your understanding.

- Rewatch videos.

- Redo projects.

- Complete every bit of suggested content.

# The End

## Feedback

Fill out feedback survey!