

Web Development @ VT

Meeting times: Sunday, 2 pm through Zoom:
<https://viriniatech.zoom.us/j/93938584275>

Follow us on social media!

Website: webdvt.org

Instagram: [@WebDVT](https://www.instagram.com/WebDVT)

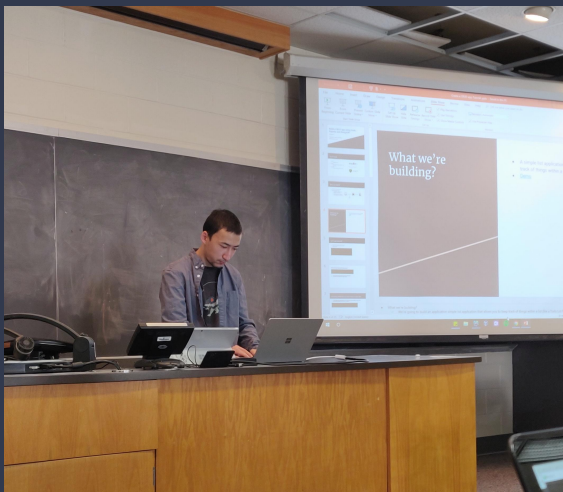
Facebook: [@WebDVT](https://www.facebook.com/WebDVT)



Today's Agenda

1. Organization mission/purpose
2. Introduction from our leaders
3. What you can expect to learn
4. Tools we will be using
5. Wrap-up & Q/A

Club Mission/Goal



How we got started with this club?

1. In 2017, there wasn't an "active" club that focused on web development.
2. Make more people become interested in web development. Fall of 2018.

Mission:

1. To create a web development centered community at Virginia Tech where people can share and broaden their knowledge of web development.



Introduction From Our Leaders!

President: Hassan Yakefujiang

Treasurer: Manisha Kusuma

Social Media & Marketing Chair: Jared Joo

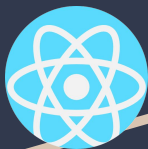
Faculty Advisor: Dr. Godmar Back

Topics covered

HTML



CSS



- Technologies Covered:
 - **HTML/CSS** (structure/style of website)
 - **JavaScript** (programming language)
 - **Git** (version control tool)
 - **React.js** (front-end JS framework/library)
 - **Node.js** (JS run-time)
- Topics covered
 - How to build a simple web app using HTML, CSS, JS and DOM
 - How to use APIs and create simple front-end web app
 - Git and Github
 - Create front-end UI using React
 - Use Node.js (with Express) to build a backend API
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Fall 2020 Meetings Schedule

Event Name	Date	Time (EST)	Description
WebDVT Interest Meeting	Thursday, August 27	7pm - 7:30pm	We will start out the semester with an interest meeting.
Sunday Workshop #1	Sunday, August 30	2pm - 3pm	Intro to HTML
Sunday Workshop #2	Sunday, September 6	2pm - 3pm	Intro to CSS
Sunday Workshop #3	Sunday, September 20	2pm - 3pm	Intro to JavaScript
Sunday Workshop #4	Sunday, September 27	2pm - 3pm	More on JavaScript
Sunday Workshop #5	Sunday, October 4	2pm - 3pm	Intro to Git
Sunday Workshop #6	Sunday, October 11	2pm - 3pm	More on JavaScript (JS Promise & Async/await)
Sunday Workshop #7	Sunday, October 18	2pm - 3pm	Intro to React.js
Sunday Workshop #8	Sunday, October 25	2pm - 3pm	More on React.js
Sunday Workshop #9	Sunday, November 1	2pm - 3pm	Intro to Restful API with Node.js and Express
Sunday Workshop #10	Sunday, November 8	2pm - 3pm	More on Restful API with Node.js and Express
Sunday Workshop #11	Sunday, November 15	2pm - 3pm	Final Meeting

Meeting Calendar

Check our club website:
webdvt.org/events

Meeting Notes

You can find all of our meeting notes here!

Intro To JavaScript

📅 2/23 at 2 pm 📍 McBryde 113

Are you interested in Web Development? Come to our first club meeting on Sunday and learn JavaScript! Just bring your laptop 🖥️ with a text editor installed! 🍕 served!

🔗 [Github Repos](#) 📄 [Meeting Slide](#)

Recommended Videos:

📺 [JavaScript Survival Guide \(15 min\)](#)

📺 [JavaScript Pro Tips \(12 min\)](#)

Optional Videos:

📺 [JavaScript: How it is made \(11 min\)](#)

📺 [The Future of JavaScript - New Features and Disruptive Trends in 2020 \(11 min\)](#)

Interest Meeting

📅 2/19 at 6 pm 📍 McBryde 129

Are you interested in Web Development 🧑🏫? Come to our interest meeting this Friday and learn about what we do! 🍕 served!

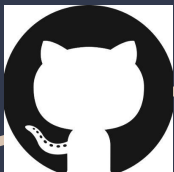
🔗 [Github Repos](#) 📄 [Meeting Slide](#)

<https://webdvt.org/events>

Meeting Structure

- **Before**
 - Watch the short recommended videos (which will be posted on webdvt.org/events)
 - Have the necessary tools ready to go
- **During**
 - Informative slideshow lecture (20 minutes)
 - Follow-along coding session (20 - 30 minutes)
- **After**
 - We will share the meeting notes and zoom recording after each meeting.
 - We will also share a list of learning resources.
 -

Tools we'll be using



- Text Editor or IDE
 - Webstorm (recommended; free for students)
- Git
 - Version control system used for tracking changes in computer files
 - Save changes we make to our local computer
- Github
 - Web-based hosting service for version control using Git
 - Save files to Github account
- Browser Dev Tool
 - Chrome, Firefox, Edge, Safari etc.

Things to mention



1. We will start from the **fundamentals** (e.g. HTML, CSS, JS), so do not worry if you have **no prior coding experience!**
2. We will try to make each meeting self-contained.
3. We encourage you to attend each meeting so you don't miss out on important topics.

Wrap-up

- Our first meeting is this Sunday at 2pm → Intro to HTML (<https://virginiatech.zoom.us/j/93938584275>)
- Actions items for you:
 - Have a browser on your computer (chrome recommended)
 - Download **Webstorm** (or any text editors of your choice) on your computer. For Webstorm, use the trial version until your student subscription is confirmed
 - Ping me on Discord if you encounter any difficulties installing WebStorm.
 - [Instructions on Installing WebStorm](#)



Thank you for attending!

Any questions or concerns?

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