



College Fit For Me

collegefitfor.me

Parth, Leon, Michael, Chinedu, Jed, Alec



SWE Roles

Backend: Parth, Jed, Chinedu

Frontend: Leon, Michael, Alec

AWS: Parth



The Website

College Fit For Me [Cities](#) [Universities](#) [Attractions](#) [Visualizations](#) [About](#)

Hello Students!

Find the University that's the best fit for your needs and interests!
Learn about life at different Universities, their surrounding areas, and explore attractions near them.





Demonstration

Navigation

Search

Sort

Filter

Visual



Critique



What we did well

- Filtering, Searching
- Comprehensive Data for every Instance
- Communication



What we learned

- How modern websites are built with a REST backend and React based frontend
- AWS (EB, EC2, RDS)
- Working with Databases/Tables
- React, D3
- CI/CD
- Postman
- Testing



What we could do better

- Better Code Quality
- Optimizations in the backend for faster responses
- Better Aesthetic
- More comprehensive tests
- Robust Searching (misspelled words etc)



What effect did the CATME peer reviews have?

- See where we could improve
- Made sure everyone was working hard to finish the project



What puzzled US

- D3 Visualizations
- AWS (steep learning curve but easy once you get it)
- Frontend Testing



Other Critique: Pathogerm



What they did well

- Website is designed extremely well
- User friendly, especially the tutorials in the Map tab
- Website contained a lot of helpful information.
- Considering the state of the times, it's a very useful website
- Quick to implement solutions to User Stories
 - Solution to map page prompt was outstanding



How effective was their RESTful API?

- Well documented
- Easy to use
- Allowed us to make cool visualizations



What we learned from them

- The importance of design for a website.
- Helped us fine tune and increase the attributes of our API for a more extensive and informational user experience.
- Communication style with customer group.



What they can do better

- Make searching by year more useful. When I search by “1999”, I should get popular diseases that occurred in “1999”, not just every single countries 1999 timeline.
- Add pagination for searches with a lot of results.
- Increase overall smoothness of the site. It felt like in some areas of the site, there was probably so much going on, that the overall quality and speed of the site was downgraded. Not every infographic has to be animated.



What puzzled us

- Timeline tab has multiple tables and graphs that just aren't populated regardless of the year. We didn't understand the need for empty contents. In our project, we accounted for this.