Lecture 15: Final Logistics

You’re almost done!

Agenda

- **Rest of Year Schedule**
- SEAS R&D Showcase
- Practice Presentation + Final Presentation
- Final Demo
- Final Package Submission
- Mentor Meetings

Schedule

4/4	Sign up for SEAS R&D Showcase
4/9 (lab)	Practice Presentation
Week of 4/14	Final Demo (code complete)
4/18	SEAS R&D Showcase Poster Submission
4/23 (lab)	Final Presentation
4/25	SEAS R&D Showcase
5/11	Final Package Due

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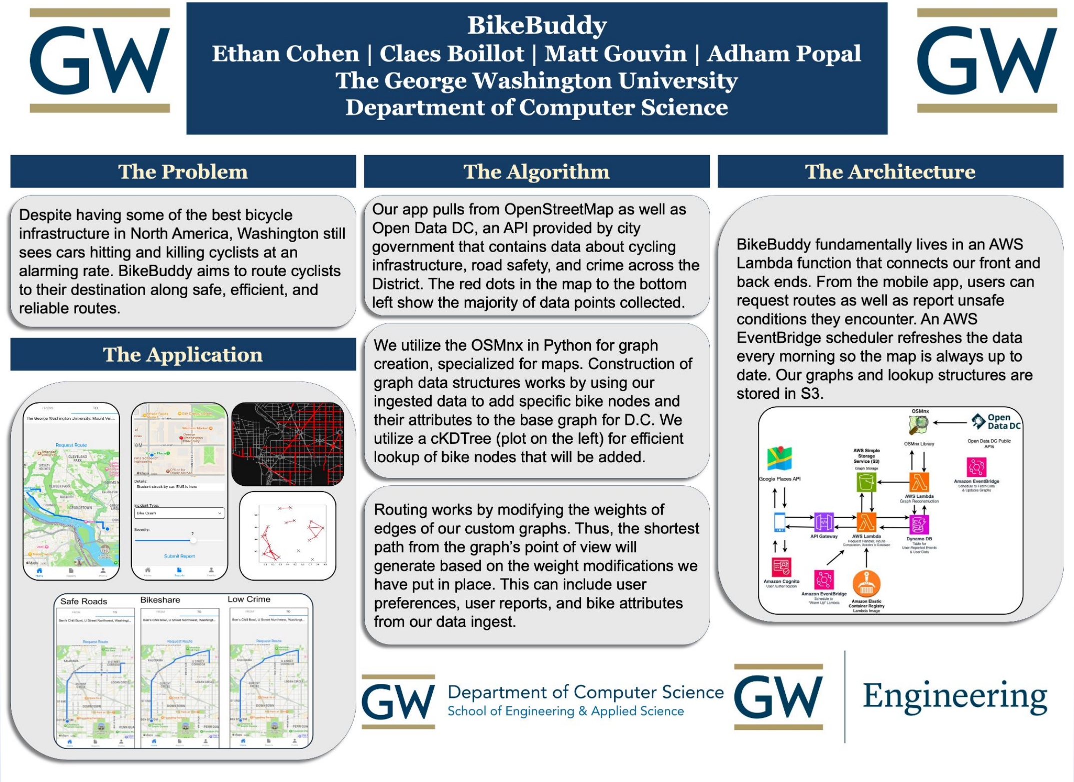
SEAS R&D Showcase

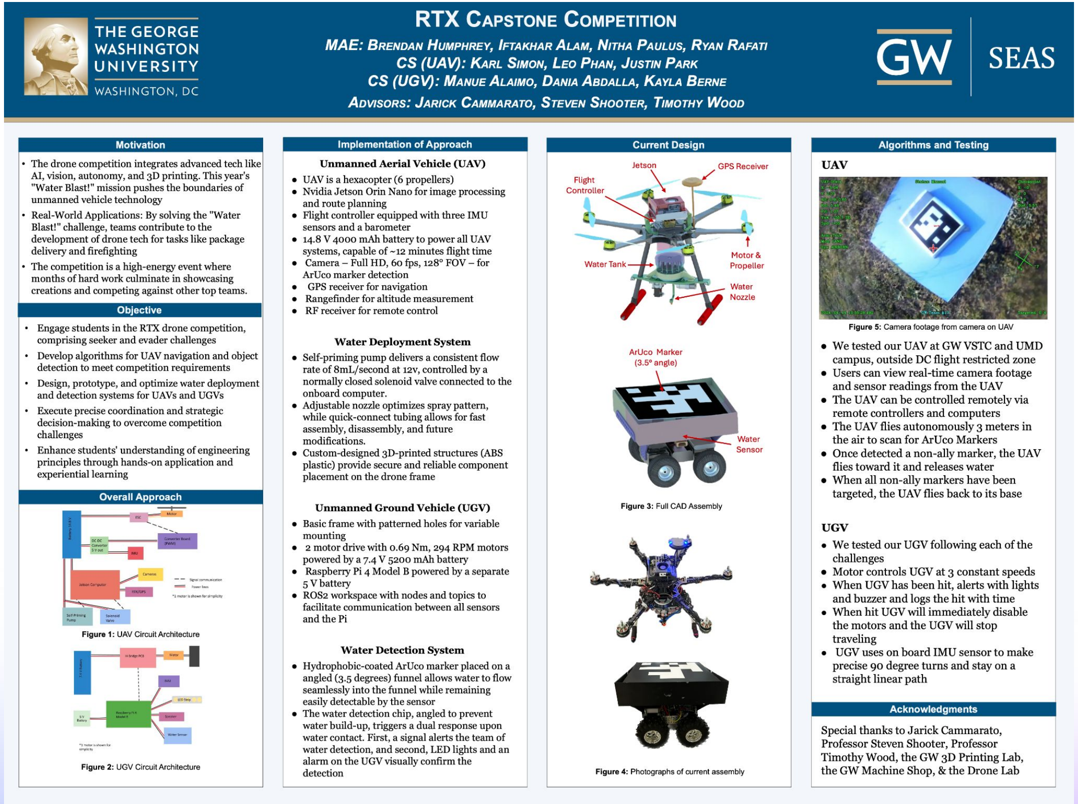
- Timeline
    - 4/4: Student application due (one submission per team)
    - 4/18: Poster submission due (one submission per team)
    - 4/25: R&D Showcase (full agenda: https://showcase.engineering.gwu.edu/participate)
- Poster guidelines
    - 36” x 48”
    - Free printing: https://library.gwu.edu/3-d-and-large-format-printing
    - Note: print the poster early – may need up to 5 days notice

https://showcase.engineering.gwu.edu/participate

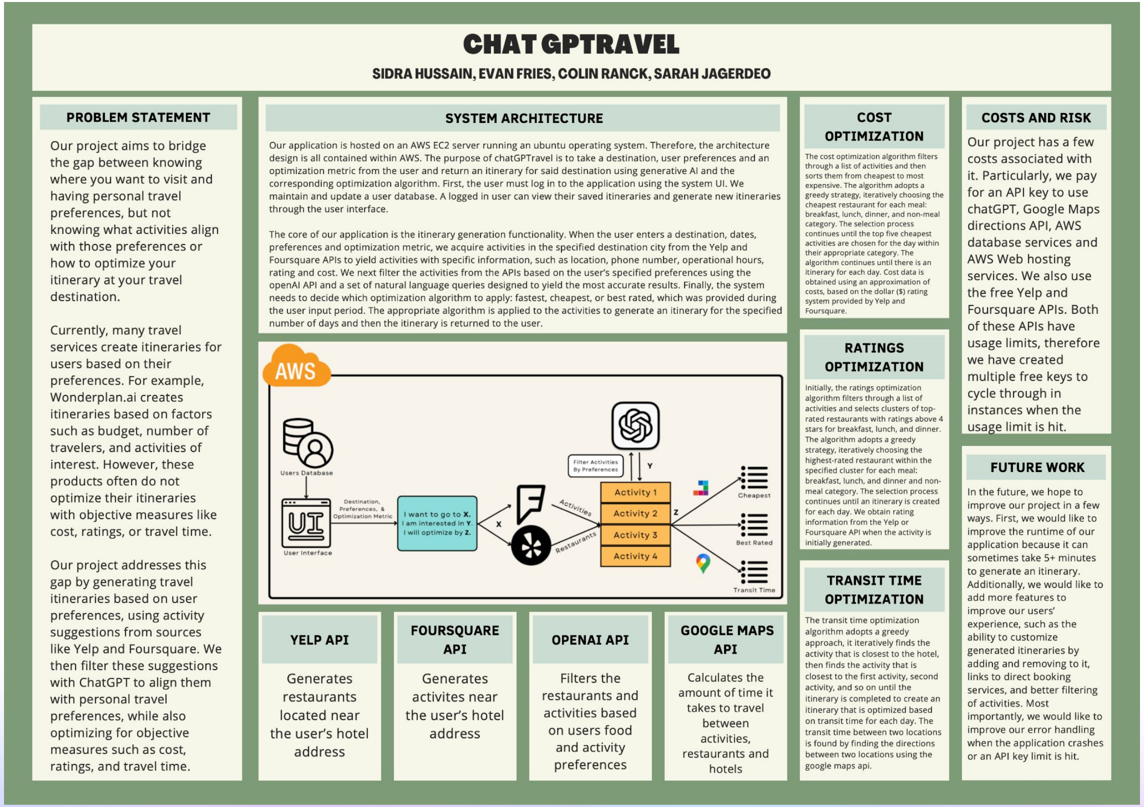
Example R&D Showcase Poster



Example R&D Showcase Poster



Example R&D Showcase Poster



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Practice Presentation (4/7)

- Logistics
  - 7-8 minutes long
  - Very similar to presentation 3 – use slides as a starting point
  - Everyone should be in-person
  - Everyone should stay for the full duration (will likely run past 8pm, reschedule mentor meetings if needed)
  - Upload slides here
- Goals
  - Describe the problem & motivate the project
  - Show an overview of the technical components
  - Explain the full scope of the project
  - Include a comprehensive demo to illustrate your work (can be pre-recorded)

Presentation Template (similar to presentation 3)

INTRO

Problem to be solved

- Key Concepts from Writing 1

Users

- User Personas: 1-2 key users max

Impact

- How is this different from other apps?

TECH

Implementation

- Technical Designs: Diagrams, Algorithms, APIs, etc.
- If using Diagram, use a shortened version with the fewest components max (*No more than 5 is recommended*)

Algorithmic Components

- Explain the algorithmic complexity

DEMO

Final Deliverable

- Describe all implemented functionality
- Recorded demo or screenshots (brief demo ~ 1-2 min)
- Can be a small portion of the presentation or interspersed throughout

Final Presentation (4/23)

- Same as practice presentation, refined based on instructor feedback
- Will be held in Lehman Auditorium

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Final Demo (Week of 4/14)

- Logistics
  - Signup for a demo slot here ; reach out ASAP if none of those times work
  - Demo will be over Zoom
- Pre-read Submissions
  - 48 hours before your demo, you must share a team pre-read with instructors (send it over slack)
  - Each team member must prepare at least one slide highlighting their top contributions throughout the year, including github links to key code
  - These contributions should describe what was done technically, as well as how the work ties back to the project as a whole
- Expectations
  - Show end to end working system (can be recorded)
  - Present the complete project, not just the work done after Demo 4
  - Each individual should showcase their main contributions, which do not necessarily need to be the most recent work
  - Come prepared to make efficient use of the time – 30 minutes is not a lot!

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Final Package Submission (5/11)

- Team Website (update to include the following)
  - Project description
  - Bio of team members
  - Writing 4 (from the fall semester)
  - Final presentation slides (PDF)
  - SEAS R&D Showcase poster (PDF)
  - Link to GitHub repo(s) with all code
- Google Drive (upload the following to your team folder here)
  - README.md including project description + link to team website
  - Writing 4
  - Final presentation slides (PDF)
  - SEAS R&D Showcase poster (PDF)
  - Zipfile of GitHub repo(s) with all code

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- **Mentor Meetings**

Mentor Meetings

- Please practice your demos & presentations with your mentors and ask them to review your slides
- Your last required meeting with your mentor is next week (4/7), but feel free to coordinate with them if you want to meet the week of 4/14
- We’ve invited your mentors to your final presentations (in-person or over zoom) so they can see all the great progress you all have made!