



CAMPUSQUEST

SENIOR PROJECT

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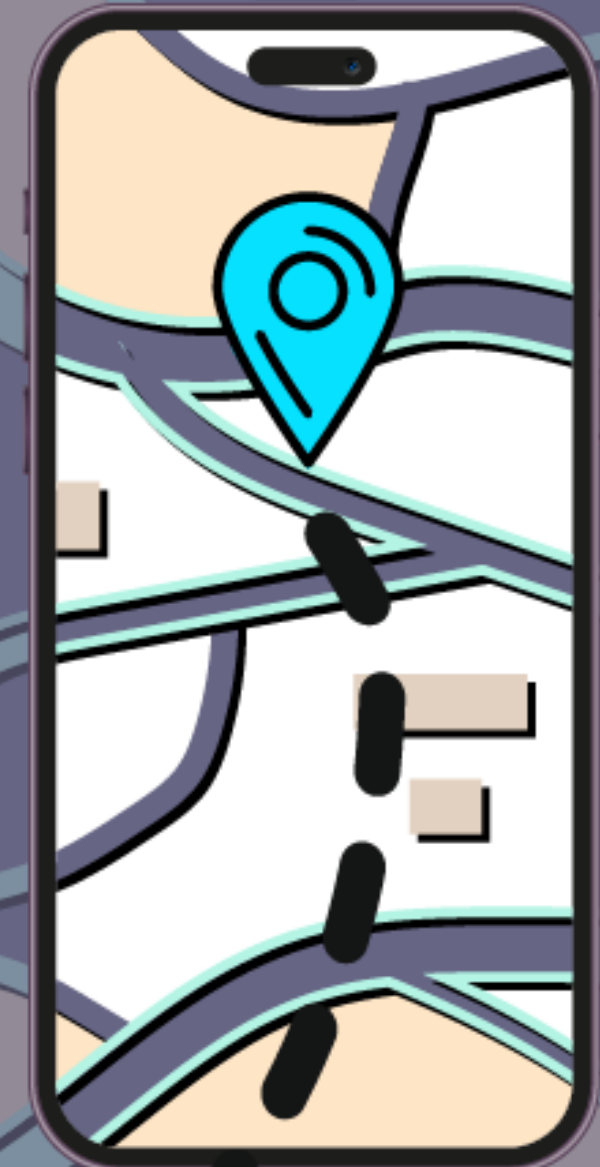
OVERVIEW

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Cutting edge AR pedestrian navigation app

Designed exclusively for college campuses

Combines practical technology with AR navigation and gamification



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ABOUT ME

ABOUT ME



Bryan Neill

Senior, New Media

Software Engineer

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OPPORTUNITY

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Addresses the need for specialized pedestrian navigation in complex environments

Major mapping services' have limitations in detailed pedestrian routes, especially in campus settings.

Opportunities for partnerships with local businesses for sponsored challenges



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SELLING POINTS

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AR Powered, immersive navigation experience



Gamification elements to engage users



Search by class name to simplify navigation



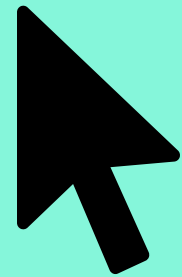
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KEY FEATURES

KEY FEATURES



AR overlay for real time navigation



User friendly design with intuitive UI



Collect in game items to complete challenges



Navigate by searching your class name

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FUTURE ROADMAP

FUTURE ROADMAP



User Profiles and Social Sharing Features



Integrate class schedules



Admin tools for real time campus updates



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CHALLENGES

CHALLENGES

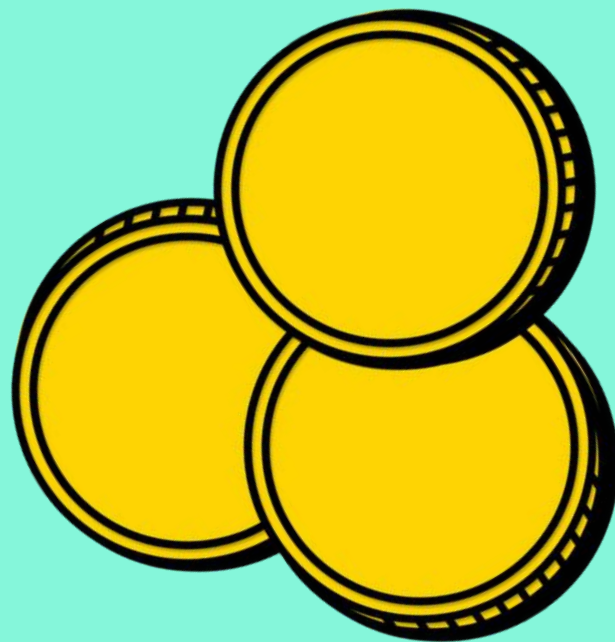
Mastering Augmented Reality:

Originally set out to build a working app, but soon realized I would not have enough time due to complicated nature of building AR

Evolution from basic navigation:

Needed to employ a way to keep users engaged if they didn't need navigation

Balancing School and Work:
Juggling the demands of building this project with senior year coursework and a full time job



VIDEO

