

DANIEL A. BARNETT

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16857 SE 57th PL
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EDUCATION

Northwestern University Evanston, IL
2018- Overall GPA 3.3/4.0
Computer Science Courses GPA 3.7/4.0
B.S. Computer Science expected June, 2022
Kellogg Certificate Program for Undergraduate in Managerial Analytics expected June, 2022

Issaquah High School Issaquah, WA
2014- GPA 3.8/4.0
2018 National AP Scholar and AP Scholar with Distinction (10 tests): English Lit (4), Environmental Science (5), Physics C Mechanics (5), Statistics (5), US Gov't (5), Biology (4), Calc AB (5), English Lang (4), Computer Science (4), Human Geography (4)
SAT: 99th percentile Overall – 740/800 Reading and Writing, 770/800 Math

EXPERIENCE

Pioneers of Interactive Entertainment (September 2018 – Present) Evanston, IL
Northwestern's primary videogame development club. Worked on a team with 5 undergraduates to create a 3D narrative driven RPG in Unity. Reference from project manager available upon request.

Design Thinking and Communication (September 2018 – June 2019) Evanston, IL
Worked with 3 undergraduates to complete two projects which explored the design process as applied in the real world. Both projects involved researching existing solutions, creating mock-ups, doing performance testing, and then making a polished prototype. Full reports of both projects are available upon request.

- Designed and created a device that helps a caretaker to better aide an individual with severe cerebral palsy and spastic quadriplegia.
- Designed and created a cooler optimized for shipping blood to cut down on the Red Cross's costs and ultimately decrease the cost of blood transfusions.

Expedia Group High School Paid Summer Apprenticeship (June – August 2018) Bellevue, WA
Worked within the engineering department of the insurance team to develop an internal administrative web service. The service allows Expedia admin to access information stored in a non-user-friendly database with ease, empowering non-engineers to access specific data logged by the insurance department.

ACTIVITIES

Chemistry Tutor (September 2016 – June 2017) Issaquah, WA
Selected by high school chemistry teacher to both tutor students needing extra help, as well as lead presentations of new material.

Imagine Tomorrow (June 2015) Spokane, WA
Received 1st place in multi-state competition with \$4000 cash prize. Worked in a four-person team to design and develop an app to incentivize users to make home improvement projects that are environmentally sustainable and energy efficient.

SKILLS AND INTERESTS

Programming: C, C#, C++, Python, Java, JavaScript, HTML, Unity, Racket, Assembly, MATLAB

Interests: gaming, guitar, cooking, animal foster care, snowboarding, Lambda Chi Alpha fraternity, custom-built computers, Relay for Life, Dance Marathon