Alexander B. Klavens

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**EDUCATION**

**CONNECTICUT COLLEGE,** New London, CT, BA expected May 2019

Majors: Computer Science, Government, (Computer Science GPA: 3.94; Overall GPA 3.79)

Honors: Sophomore Computer Science Award (for distinction in Computer Science)

Jim Greenleaf Club Sport Memorial Award (for work as Treasurer of Ultimate Frisbee Team)

Relevant Courses: Data Structures • Digital Sound Processing • Entertainment Software Design • Cybersecurity • Discrete Mathematics • Research Seminar

Computer Skills: Python • Java • SQL • MATLAB • HTML/CSS/JavaScript • Node.js • D3.js • C# • Unity • Git • Verilog HDL • Google Analytics • WordPress • Excel • Adobe Audition

Activities: Ultimate Frisbee, Player and Treasurer • Student Government, House Senator • Downhill Ski Team

**UNIVERSITY OF EDINBURGH,** Edinburgh, UK, Study Abroad Fall 2017

Coursework: Database Systems • Computer Design • Understanding Public Policy

Activities: FreshAir.org.uk, Co-Host and Writer (University radio station) • Ultimate Frisbee Team, Player

# WORK EXPERIENCE

**WBUR,** Boston, MA (Summer 2017)

*Newscast Intern*

* For Boston’s NPR station, wrote content for hourly local newscasts focused on Massachusetts and Boston-area current events, read by hosts and anchors for mid-day newscasts, Morning Edition, and All Things Considered
* Researched and reported on local news stories to inform writing of 45-second pieces for newscasts
* Interviewed numerous people including state lawmakers, business owners, and a U.S. Congressman
* Covered press briefings and political protests throughout Boston to record newscast audio
* Produced soundbites with Adobe Audition

**Connecticut College Department of Computer Science,** New London, CT (Fall 2016 – Present)

*In-Class Teaching Assistant, Tutor, Lab Assistant*

* Tutor students taking Introduction to CS (Python-based) and Data Structures (Java-based)
* Teach students principles of object-oriented programming

**Connecticut College Office of Communications,** New London, CT (Fall 2015 - Spring 2016)

*Social Media Assistant*

* Maintained accounts and analyzed activity of prospective students in school-sponsored online communities

**Connecticut College Information Services,** New London, CT (Summer 2017)

*I.T. Service Desk Assistant*

* Provided information technology customer service and helped maintain campus computer labs

**Camp Micah,** Bridgeton, ME (Summers 2014 - 2016)

*Assistant Director of Waterfront, Counselor*

* Responsible for maintaining waterfront, facilitating minor rescue operations and teaching sailing

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**PROJECTS**

**Connecticut College Department of Computer Science,** New London, CT (Fall 2015 – Present)

*Student*

* Currently developing web application/visualization of changing access to health care in the U.S. with a focus on rural hospital closures and Medicaid (Independent Research; HTML/CSS/JS, Node, D3, MySQL, Python)
* Program that learns from a database of monophonic Dutch music and generates original melodies (Digital Sound Processing; MATLAB)
* Backend of media streaming application with user and administrator roles (Data Structures; Java)

**PERSONAL**

Enjoys Ultimate Frisbee, playing electric guitar, cross country and downhill skiing, political satire, and photography