

# 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 • Game Software Design • Cybersecurity • Discrete Mathematics  
Computer Skills: Python • Java • SQL • MATLAB • HTML/CSS/JavaScript/D3.js • C# • Verilog HDL • Google Analytics • WordPress • Excel • Adobe Audition  
Activities: Ultimate Frisbee Team, Treasurer • Student Government Association, 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, Lab Assistant, Tutor, Grader*

- Tutored students taking Introduction to CS (Python-based) and Data Structures (Java-based)
- Taught 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

## 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 (CS Research Seminar/Independent Research)
- 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

- Enjoy Ultimate Frisbee, playing acoustic and electric guitar, cross country and downhill skiing, political satire, and photography