RILEY KONSELLA

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FELLOWSHIP
Jul '17-Present

Thomas J. Watson Fellow, Class of 2017
- One of 40 students nationwide to receive fellowship to pursue a personal interest internationally
- Exploring innovations in transportation across six countries around the world
- Developing an understanding of transportation culture outside of the US's firmly entrenched car

EDUCATION
Sep '14-Jun '17

Union College, Schenectady, NY
- Bachelor of Science in Computer Engineering, Minor in Astronomy, June 2017
- Department GPA of 3.4, Overall 3.2

PROJECT AND TEAM EXPERIENCE

Apr '17-Jul '17

Workshop Presenter, Genetic and Evolutionary Computation Conference 2017, Berlin, DE
- Presenting workshop paper on a robotics simulator at ACM's SIGEVO conference
- Researched and wrote paper with two other students and a Union professor

Apr '16 - May '17

Senior Project, Tensegrity, Computer Science Department
- Designed and built struts used to create a vibrating, soft robot called a tensegrity
- Used RFduino microcontrollers and Bluetooth communication receivers to create a wireless strut
- Collaborated with 5 team members across 3 departments

Oct '14-May '16

Electronics Lead, SAE Aero Airplane Design Team, Mechanical Engineering Department
- Co-Captained team of 16 students designing and building remote-controlled plane for competition
- Placed 7th of 18 teams at international student competition in April 2016

WORK AND INTERNSHIP EXPERIENCE

Jan '17-Mar '17

Lab Assistant, Union College Computer Science Department
- Joined a Professor in teaching lab sections of 200-level computer science course
- Helped students with projects on the lowest levels of computer architecture and Assembly language

Jun '16 - Sep '16

Product Team Intern, EVO Snap*, Denver, CO
- Developed front-end of a new payment processing web application
- Familiarized with tools such as HTML, CSS, Javascript, and the AngularJS framework
- Given authority to make high-level structure and user interface design decisions

Sep '16-Jun '17

UStar TechTeam, Union College ITS Department
- Serve as computer support resource for Union students and the local community
- Help students with computer issues such as virus protection and networking problems

TECHNICAL SKILLS
Aug '13 - Jun '17

Programming Languages
- Comfortable writing in Python, Java, JavaScript; have written C, C++, HTML/PHP, Assembly, VHDL

Software Proficiencies
- Includes Bash, Git, Docker, AWS, WEKA, Multisim, Logisim, Quartus, IRAF, Adobe Creative Suite
- Worked extensively with Windows, Mac, and Unix operating systems

CAMPUS AND COMMUNITY INVOLVEMENT

Sep '16 - Jun '17

Science and Technology Editor, The Concordiensis Student Newspaper, Union College
- Manage a collection of 30+ writers, edit and layout content on sci/tech news on and off campus

Vice President/Treasurer, Film Committee, Union College
- Select, pay for, and help run the films shown weekly in Reamer Campus Center

Sep '14-Jun '17

Member, Astronomy Discussion Group, Physics Department, Union College
- Discuss weekly with Astronomy professors recent research in astronomy and physics

Team Member, Men's Club Ice Hockey, Union College

President, Mountebanks Theatre Club, Union College

Sep '15 - Jun '16

Performer and Assistant Director, School Musical: Chicago
- Produced entirely student-run show and played lead role of Billy Flynn

Staff Writer, The Concordiensis Student Newspaper, Union College