

# ROBERT WILD

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## OBJECTIVE

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Looking for a challenging Co-op position with the opportunity to work with and learn from a team of experienced developers

## EDUCATION

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### **Rensselaer Polytechnic Institute (RPI), Troy NY**

Bachelor of Science in Computer Science and Cognitive Science

Expected May 2017

Cumulative GPA: 3.89 / 4.0

Dean's List (Each semester); Rensselaer Leadership Award (Scholarship)

### **University of Groningen (RUG), Netherlands**

Semester exchange 2016, Artificial Intelligence degree program

## COURSES

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- |                          |                                |                                  |
|--------------------------|--------------------------------|----------------------------------|
| ▪ Advanced Logic         | ▪ Computer Graphics            | ▪ Programming Languages          |
| ▪ Affective Computing    | ▪ Computer Organization        | (distributed, functional, logic) |
| ▪ Cognitive Computing    | ▪ Game Artificial Intelligence |                                  |
| ▪ Cognitive Neuroscience | ▪ Operating Systems            |                                  |

## EXPERIENCE

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### **Undergraduate Researcher and Software Developer**

Feb. 2015 to Present

*RPI Perception and Action Lab, Troy, NY*

#### **NSF funded project – The Visual Guidance of Locomotion Over Complex Terrain**

- Design and conduct a human gait experiment
- Develop experimental software
- Make use of Vicon motion capture system and Vizard Virtual Reality Software Toolkit

#### **Naval Office funded project**

- Designed and developed cognitive modelling project in MATLAB
- Applied reinforcement learning techniques (temporal difference learning, function approximation, etc.)

### **Lead Game Developer & Project Manager**

Oct. 2015 to Nov. 2015

*RPI Game Development Club, Troy NY*

- Developed a Unity3D game for the Rensselaer Game Showcase 2015

### **Undergraduate Teaching Assistant**

Aug. 2014 to Dec. 2014

*RPI, Troy, NY*

- Assisted in teaching Computer Science students programming concepts and good practice in Python
- Tutored in course labs and help sessions

### **Data Perceptualization Studio Student Researcher**

May 2014 to Aug. 2014

*EMPAC RPI, Troy, NY*

- Researched fast data exploration and visualization techniques, and application to visualizing computer file systems

## SKILLS

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**Programming Languages:** C++, C#, C, Python, Java, MATLAB

**Software Development:** Unity3D, Vizard, GitHub, SVN, Microsoft XNA, Processing 2.0

**Other:** Experience using Windows and Linux Operating Systems, Vicon, Microsoft Office, Adobe Photoshop, Adobe Illustrator, French (working proficiency)

## ACTIVITIES

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Intramural Soccer, RPI Foreign Language Club, RPI Game Development Club, RPI Kendo Club,  
Hackathons (HackMIT 2015 - Two Sigma's Best Use of Beaker Award)