

## Personal Data

Nom	Rachel Elisabeth Tyras
Date of birth	August 22 <sup>nd</sup> , 1995
Place of birth	Wheeling, WV, USA
Nationality	American

## Education

- 2013- 2016 BSc. Computer Science, West Virginia University  
Senior Project: EcoCAR3, Hosted by General Motors and Argonne National Laboratories, Advanced Driver Assistance Systems Team  
GPA: 3.2/4.0
- 2015 Al Akhawayn University in Ifrane, Morocco
- 2009- 2013 Liberty High School, USA  
ACT Score: 31, AP Rising Scholar Award

## Employment

- 2016-2017 Application Developer at Lakota Software Solutions, contracted to NASA Internal Validation & Verification (IV&V) Software Tools (SWAT) Team, Fairmont, WV, USA

## Internships

- 2016 Undergraduate Teacher Assistant at West Virginia University, for courses CS 110, Introduction to Computer Science, and CS 111, File and Data Structures, Morgantown, WV, USA
- 2013- 2016 Database Administrator Intern at NASA IV&V for the James Webb Space Telescope (JWST) Team, Fairmont, WV, USA
- 2012 & 2013 NASA IV&V Engineering Apprenticeship Program, summer engineering internship, Fairmont, WV, USA

## Programming Skills

Java	Advanced, primary teaching language at WVU, used for tool development at NASA IV&V
Eclipse RCP	Intermediate, used for SWAT ATS development at NASA IV&V
C/C++	Intermediate, Operating Systems at WVU, Computer Graphics at WVU
JavaScript	Intermediate, Web Applications at Lakota
Angular	Intermediate, Web Applications at Lakota
Python	Intermediate, Principles of Programming Languages and

	Compiler Construction at WVU, used for tool development at NASA IV&V
HTML\ CSS	Intermediate, Web Applications at Lakota, Software Engineering at WVU
Ruby on Rails	Basic, Honors Project for Advanced Databases at WVU

### Language Skills

English	Native
French	Intermediate, 8 semesters in high school, and 4 semesters in university
German	Beginner, completed A1.1 at DeutschAkademie

### Voluntary Commitment

2016	WVU Women's Rugby Football Club Safety Officer
2015	Al Akhawayn University Women's Rugby Football Club Captain
2014	NASA IV&V Space Outreach Program at Greenbank National Observatory

### Hobbies and Interests

Painting, Graphic Design, Travelling, Rugby