

Rudolf Newman

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Campus Address: 2123 Ridge Ave, Apt 3H, Evanston IL 60201

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Education

Northwestern University, Evanston IL

- Expected Graduation: 2017
- Major: *Computer Science*
- **Segal Design Certificate**
- Courses:
 - EECS 370, 337, 361, 394 (Software Project Management)
 - EECS 395, (Game Development Studio, Knowledge Representation in Games)
 - DSGN 380 I&II

Niles West High School, Skokie IL

- Graduated: May 2013

Projects

Innovation Journalism and Technology, Northwestern University, Spring 2016

- Developed a web application to parse webpages for images and quotes
- Improved a sentence parser to be more accurate and generalized

Game Development Studio, Northwestern University, Winter-Spring 2017

- Designed a sandbox fighting game and platformer
- Developed state machine for player physics and buffered inputs

Natural Language Processing, Northwestern University, Winter 2017

- Designed word cloud parser to answer queries based on word occurrences
- Developed a program to take tweet text from a file and tokenize it

Honors

- ISU High School Science Symposium 2nd Place - Computer science - 2012
- IJAS Region 6 gold medal – Mathematics – 2013

Experience

Eagle Scout

Northwestern University Residential Services

- Mail room clerk, January 2014 – current
 - Aided recipients in receiving packages
 - Logged packages into the mail system

Skills

- Programming languages (Java, Lisp, C#, C++, Python, Javascript)
- Unity, scripting
- Cordova, Web-based mobile programming
- 3D Modeling (Nx, Solidworks)

Activities

- Alice Millar Chapel Choir
- ICONIC raiding guild