

# Peter Tatkowski

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## EDUCATION

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UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN      AUGUST 2015 - MAY 2018  
Bachelor of Science, Computer Science      GPA: 3.98/4.00

KUNGLIGA TEKNISKA HÖGSKOLAN, STOCKHOLM      AUGUST 2017 - JANUARY 2018  
Bachelor of Science, Computer Science      IPENG Study Abroad Program

## WORK

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UNDERGRADUATE RESEARCH ASSISTANT      SUMMER 2017

- Worked in researching algorithms for finite element analysis that used tensor contractions to compute boundary conditions quickly
- Wrote unit tests for the algorithms using C++, implementing the Cyclops Tensor Framework

UNDERGRADUATE COURSE ASSISTANT      FALL 2016

- Worked with CS 125 course staff to ensure a good teaching environment was kept for incoming computer science students at the University of Illinois
- Taught and explained new and difficult topics in the course to students

KMI SUPPLIES      SUMMER 2016

- Designed a website using HTML and CSS, delivering a new streamlined look for the website
- Communicated during meetings on how to structure website and negotiated different ideas

## COURSEWORK

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|                            |                   |                      |                         |
|----------------------------|-------------------|----------------------|-------------------------|
| Data Structures/Algorithms | Numerical Methods | System Programming   | Artificial Intelligence |
| Computer Architecture      | Computer Graphics | Discrete Mathematics | Machine Learning        |

## SKILLS

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|        |       |            |                                 |
|--------|-------|------------|---------------------------------|
| Python | C++/C | Javascript | Shell                           |
| HTML   | CSS   | Java       | L <sup>A</sup> T <sub>E</sub> X |

## HONORS AND AWARDS

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|                                     |                         |
|-------------------------------------|-------------------------|
| Dean's list                         | Fall 2015-Spring 2017   |
| James Scholar                       | Spring 2016-Spring 2017 |
| I4I Study Abroad Scholarship        | Spring 2017             |
| IL Engineering Freshman Scholarship | Fall 2015               |