Tamás Nádasi

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## Education

### Semmelweis University — Budapest, HU
September 2019 –

- MD student, class of 2025

### University of Rochester — Rochester, NY
September 2016 – May 2019

- Bachelor of Science degree in Computational Biology, Minor in German
- Handler- & Davis scholar
- Kreyer Prize for excellence in spoken German (2019)

## Research & Work Experience

### Semmelweis University Computational Biology Group — Budapest, HU
TDK research
September 2020 –

### Bergstralh Lab — Rochester, NY
Undergraduate researcher
September 2017 – July 2018

- Conducted quantitative and qualitative analysis of live imaged videos taken by confocal microscope in ImageJ and MATLAB; assisted with confocal imaging, lab duties and *Drosophila* stock maintenance; dissected flies under optical microscope and collected ovaries
- Co-authored a paper on cell division orientation and its relation to cellular morphology in *Drosophila* follicular epithelium, published by The EMBO Journal, available at http://emboj.embopress.org/content/early/2018/11/26/embj.2018100072
- Website of lab: http://blogs.rochester.edu/bergstralh/

### University of Rochester — Rochester, NY
Selected projects
August 2016 – May 2019

- Analysed intraspecies nucleotide diversity and interspecies gene divergence of selected genes that affect circadian rhythm in four different *Drosophila* strains as part of a group project
  Analysis involved: Unix functions, Python scripts, Geneious and online resources, such as CLUSTALW
- Designed a stock-trading algorithm in Python based on historical data as part of class curriculum

## Skills and Certifications

- Python, Java (Eclipse), R studio, Unix/Bash, ImageJ and Microsoft Office
- *Drosophila* research (maintenance of stocks, dissections)
- Quantitative genomics (QTL mapping, GWAS), sequencing techniques, comparative and functional genomics
- Fluent in English, upper intermediate level of German