

PHILIPPE CHLENSKI

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EDUCATION:

Yale University, New Haven, CT 2018

BA in Mathematics & Philosophy

- *Cum laude* with distinction in Mathematics & Philosophy, GPA 3.85
- Activities: The New Journal, Yale Undergraduate Prison Project, WYBCx Yale Radio

Deep Springs College, Deep Springs, CA

AA in Liberal Arts 2014

- James Clayson award in quantitative finance, GPA 3.76
- Activities: Senior IT Administrator, Communications Committee chair, Advisory Committee chair

EMPLOYMENT:

Argonne National Laboratory, *Researcher*, Chicago, IL Oct 2018–Present

- Use machine learning to Improve genome annotation service performance in RASTtk pipeline.
- Maintain and expand legacy Perl/CGI codebase to support in-house annotation use.
- Analyze and visualize data contained in PATRIC/SEED databases or scraped from web.
- Publish and communicate research in scientific journals, workshops, and internal meetings.
- Develop new framework for next-generation AI-based bioinformatics services.
- Edit and create documentation written for the average user on a suite of bioinformatics services.

Yale IT Services, *Student Technology Coordinator*, New Haven, CT Dec 2015–Aug 2018

- Primary manager of summer computing for 4,000 visitors and 2,000 students.
- Provided complex hardware repair services to 13,000 students on all modern computer brands.
- Trained, mentored, and evaluated other technicians for promotion to Hardware Specialist.
- Managed a team of 4 technicians to provide technical support for over 900 graduate students.

Yale Sustainable Food Program, *Lazarus Summer Intern*, New Haven, CT May 2016–Sep 2016

- Performed self-directed data mining and computational research using R and Linux tools.
- Assisted in event planning for the MAD/Yale Leadership Summit and volunteer programming.
- Facilitated technical dimension of organizational website redesign..

Yale Dean's Office, *Head Transfer Counselor*, New Haven, CT May 2016–May 2017

- Managed and created guidelines for a team of 16 transfer counselors.
- Created an orientation program and informational resources to aid transfer student integration.

Northwestern University, *Development Intern*, Chicago, IL Jun 2015–Aug 2015

- Full-stack developer for a bespoke tissue archive built with PHP, MySQL, HTML/CSS, and jQuery.

PUBLICATIONS:

- Corresponding author: Parrello et al. **A machine learning-based service for estimating quality of genomes using PATRIC**. *BMC Bioinformatics*. 2019; 20; 486. doi.org/10.1186/s12859-019-3068-y
- Co-author: Davis et al. **The PATRIC Bioinformatics Resource Center: Expanding Data and Analysis Capabilities**. *Nucleic Acids Research*. 2019. doi.org/10.1093/nar/gkz943
- Talk: **Annotate a Genome in PATRIC Using RASTtk**. PATRIC workshop. April 2019.