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| **W/O** | William Okech | | | | | | |
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| PROFESSIONAL  SUMMARY  Research scientist with 10+ years of experience working in biomedical science and engineering. Strong technical skills in statistics, programming, image processing and analysis, and data visualization. Professional interests include extracting meaningful insights from raw data and developing new biomedical technologies that can significantly impact human health.  **LOCATION**  Nairobi, Kenya  **PHONE**  Available upon request  **EMAIL**  willyokech@gmail.com  **WEBSITE**  www.williamokech.com  **TECHNICAL SKILLS**   * R and RStudio (4 years) * MATLAB (4 years) * Python (2 years) * CellProfiler (3 years) * Fiji / ImageJ (10 years)   **PROFESSIONAL MEMBERSHIPS AND CERTIFICATIONS**   * Biomedical Engineering Society * Certified Carpentries Instructor (Data and Software) | |  | EXPERIENCE | |  | |
|  |  | |
|  | **Scientific Editor**, Charlesworth Author Services 2020–Present  **Reviewer**, Biomedicine and Pharmacotherapy 2019–Present  **Postdoctoral Research Associate,** University of Pittsburgh 2017–2019  **Postdoctoral Research Fellow,** Johns Hopkins University 2016–2017  **Postdoctoral Research Associate,** University of Rochester 2015–2016  **Graduate Research Assistant,** University of Rochester 2010–2015  **Graduate Teaching Assistant,** University of Rochester 2011–2012  **Graduate Research Assistant,** University of Oxford 2010 **Undergraduate Research Assistant,** University of Pennsylvania 2007–2008 | | | |
|  |  | | | |
|  | EDUCATION |  | | |
|  |  | | |
|  | **Ph.D. Biomedical Engineering**, University of Rochester October 2015  **M.S. Biomedical Engineering**, University of Rochester May 2012  **MSc Biomedical Engineering**, University of Oxford September 2010  **B.S.E. Bioengineering**, University of Pennsylvania May 2008 | | | |
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|  | HONORS, AWARDS, AND SERVICE | | |  |
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|  | * Judge for the International Genetically Engineered Machines (iGEM) Competition; 2021–2022 * Judge for the LATAM International Genetically Engineered Machines (iGEM) Design League Competition; 2021 * Grand Award Judge for the Intel International Science and Engineering Fair, Pittsburgh, Pennsylvania; 2018 * Computational modeling “Finding Your Inner Modeler” Travel Award (National Science Foundation; 2017 & 2018) * Bioengineering Senior Design Award (University of Pennsylvania; 2008) * Dean’s List (University of Pennsylvania; 2007–2008) | | | |
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|  | REFERENCES | |  | |
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|  | Available upon request | | | |
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