



Jonathan Prenosil  
1425 Petrarca Drive  
Kent, OH 44243  
330-672-3959  
[jprenosi@kent.edu](mailto:jprenosi@kent.edu)

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Greetings!

Justin has been exceptional the past two semester I have had to pleasure of working with him. As part of a team of developers, Justin's work as focused on two projects. The first is a series of continued enhancements to our Residence Services applications. Those applications range from systems managing occupancy and access, to student transactions at our area desks, to systems managing student engagement in the residence halls. Justin responded to enhancement requests, implemented those enhancements in C# .NET (with both Angular and React as the JavaScript front ends), tested the code (unit tests and integration tests), reviewed and had his code reviewed, and integrated his code through our continuous integration and continuous deployment process.

The second major project Justin has engaged with this semester is our student success model. For this project, our team is building towards a predictive model of student success for students living in our residence halls. We have a massive anonymized institutional data set upon which we are conducting exploratory analysis. Connected with this analysis Justin is using Machine Learning (using the scikit-learn and TensorFlow library in python) with logistic regression and deep learning to build our initial release of the model. Justin also used this approach to build a predictive model for student grade point average.

I am incredibly impressed and pleased with Justin's work. If you want any additional details or information, I would be happy to provide that.

Sincerely,

A handwritten signature in black ink, appearing to be "JP", with a long, sweeping horizontal line extending to the right.

Jonathan Prenosil  
Lead Business Systems Analyst  
Kent State University Department of Residence Services  
[jprenosi@kent.edu](mailto:jprenosi@kent.edu)  
614-546-8677

### **Residence Services**

P.O. Box 5190 • Kent, Ohio 44242-0001  
330-672-7000 • 1-800-706-8941 • Fax: 330-672-2579 • <http://www.kent.edu/housing>